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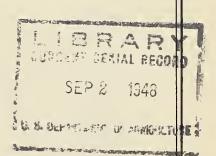
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SOURCES AND DISTRIBUTION OF CITRUS JUICES PURCHASED BY WHOLESALE BUYERS, 1946-47

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and
ANNE L. GESSNER



Preliminary Report of a study made under the Research and Marketing Act Project "Merchandising Products Processed by Horticultural Cooperatives"

COOPERATIVE RESEARCH AND SERVICE DIVISION
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The Cooperative Research and Service Division conducts research studies and service activities relating to problems of management, organization, policies, merchandising, sales, costs, competition, and membership arising in connection with the cooperative marketing of agricultural products and the cooperative purchase of farm supplies and services; publishes the results of such studies; confers and advises with officials of farmers' cooperative associations; and cooperates with educational agencies, cooperative associations, and others in the dissemination of information relating to cooperative principles and practices.

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SUMMARY

This report is an analysis of the purchases of more than 2,000 chainstore and wholesale-grocer buyers of canned citrus juices for the 1946-47 season. It supplies detailed information on the quantities of each kind and type of the major citrus juices purchased, according to three classifications—types of buyers, producing areas from which the juices were purchased, and regional locations of the warehouses to which these purchases were distributed. In addition, it includes information on purchases of canned and frozen concentrates and frozen single-strength juices.

This is the third and final report developed from the questionnaire used in a survey of wholesale buyers of citrus juices, and represents the completion of one phase of a larger project dealing with the merchandising of products processed by horticultural cooperatives.

The most recent figures available indicate that agricultural cooperatives produced over 31 percent, or very close to a third, of the citrus juices processed in 1946-47. They, therefore, represent a major factor in the citrus industry. The information contained in this report should be helpful to these cooperative processors, as well as to other packers, in the over-all picture it presents of the distribution of their products—a picture that is particularly significant inasmuch as it shows the pattern for purchases equivalent to more than half of the actual production in the 1946-47 season. Some of the quantitative data in this report have already been made available to citrus processors in preliminary tables, at the request of the National Citrus Advisory Committee, to help develop merchandising plans and summer advertising programs.

Briefly, the questions this report discusses are:

(1) Approximate number of cases of canned single-strength citrus juice of each kind and type purchased during the 1946-47 season from each of the leading citrus States; (2) approximate quantities of citrus juice concentrates (canned or frozen) purchased in 1946-47 of each kind from each of the producing areas; and (3) quantity of frozen single-strength citrus juices purchased by kind and State from which purchased.

In reference to the first question, buyers giving answers to these questions purchased, on an actual case basis, more than 27.8 million cases of grapefruit, orange, blended, tangerine, and lemon juices in 1946-47. For that same period the total United States production of these five citrus juices amounted to approximately 49.4 million cases, on a No. 2 basis.

Of the total United States production, Florida produced the major portion--37.2 million cases, or slightly over three-fourths; Texas 8.7 million cases, or a little over 18 percent; and California-Arizona 3.5 million cases, or over 6 percent. In both Texas and California-Arizona, the major emphasis has been placed on marketing fresh citrus fruits, with Florida placing greater emphasis on processing.

Buyers' reported purchases of the three major citrus juices--grapefruit, orange, and blended--reflected the production pattern for these juices in the producing areas. Over 76 percent of these purchases came from Florida, more than 16 percent from Texas, and less than 8 percent from California-Arizona--each percentage running close to the total production percentage given in the preceding paragraph for each region.

Almost three-fourths of the purchases of grapefruit juice reported by all buyers in this survey and more than half of both the orange juice and the blended juice was unsweetened. A larger proportion of the citrus juice produced in Florida is sweetened than in the other producing areas. Florida supplied more than four-fifths of the sweetened grapefruit juice purchases and slightly over two-fifths of the unsweetened. Texas supplied about 15 percent of the sweetened and a little over half of the unsweetened, and California-Arizona only small quantities of both types of grapefruit juice. Florida produced the large share of the reported orange juice purchases, about 96 percent of the sweetened and more than three-fourths of the unsweetened, while California-Arizona supplied most of the balance. Likewise, Florida was the major source for blended juice purchases, supplying over 90 percent of both sweetened and unsweetened.

An analysis of these citrus juice purchases by geographic regions indicated that the distribution pattern generally followed was a logical one, with buyers obtaining their supplies, for the most part, from the nearest producing area. For example, buyers of grapefruit juice in the New England, Middle Atlantic, South Atlantic, and East South Central regions obtained approximately 70 percent or more of their supplies from Florida. Those in the West North Central, West South Central, and Mountain regions purchased 70 percent or more from Texas. In the Pacific region buyers obtained a substantial amount of their purchases from California-Arizona. Similarly, buyers of orange juice in the Mountain and Pacific regions obtained larger percentages of their purchases from California-Arizona than did buyers in each of the other regions. Although California-Arizona produced less than 1 percent of the United States production of blended juice, buyers in the Pacific region obtained more than 10 percent of their purchases from that producing area.

Reported purchases of tangerine juice amounted to about 664,000 cases, a little over half of which was purchased by nonchain-store buyers. Purchases of over 350,000 cases of lemon and lime juices were reported, with chain-store buyers purchasing more than three-fifths of the lemon juice and over half of the lime juice.

The reasons generally given by both chain-store and nonchain-store buyers for purchasing canned single-strength juices from the sources indicated included quality, price, brand, availability, consumer demand, broker representation, and favorable freight rates.

In reference to the second and third questions, only a small number of buyers mentioned purchases of canned or frozen citrus concentrates, or of frozen single-strength citrus juices.

SOURCES AND DISTRIBUTION OF CITRUS JUICES PURCHASED BY WHOLESALE BUYERS, 1946-47

By

Harry C. Hensley and Anne L. Gessner Agricultural Economists

This report analyzes by kind, type, and producing area the purchases of more than 27.8 million cases made by 2,133 wholesale buyers of citrus juices during the 1946-47 season. It is the third and final report in a series of three dealing with marketing citrus juices. With its release, one phase is now completed of a much broader study on merchandising products processed by horticultural cooperatives being made under the Research and Marketing Act of 1946.

Replies of wholesale buyers to questions 1, 4, 8, and 9 of the questionnaire, reproduced at the end of the report, supply the data. Answers to question 1 gave information on the source and number of cases of the five major citrus juices purchased in 1946-47 by each wholesale buyer replying. Question 4 supplied the names of the three principal brands purchased in 1946-47. Replies to questions 8 and 9 furnished information on the sources and quantities of frozen and canned citrus concentrates and of frozen single strength citrus juices purchased by wholesale buyers.

At the request of the National Citrus Advisory Committee, the principal quantitative data contained in this report were made available in May in preliminary tables to the processors of citrus products. This was done so these processors could use the data in connection with merchandising plans and summer advertising programs.

The first report in this series, Miscellaneous (FCA) Report 114, issued in January 1948, dealt with wholesale buyers' suggestions for expanding markets and improving the distribution of citrus juices and covered questions 10 and 11 of the same questionnaire from which this report is developed. 1/ In their suggestions for expanding markets, buyers emphasized the value of citrus juices in the diet and stressed the need for

^{1/} Hensley, Harry C., and Gessner, Anne L. Buyers Suggestions for Expanding Markets and Improving Distribution of Citrus Juices. Misc. Report No. 114, Farm Credit Administration, U.S. Department of Agriculture.

NOTE. - Acknowledgment is made of the fine cooperation of wholesale-grocer and chain-store buyers in supplying the information on which this study is based; of the assistance of the following staff members of the Cooperative Research and Service Division: M. C. Gay, K. B. Gardner, and J. K. Samuels, economists, for helpful suggestions; Rushia K. Owens, statistician, for statistical work; and Flossie Holt for handling the copy.

improving flavor by selecting for processing only mature, tree-ripened fruit. They also mentioned the need for strict control of quality and sanitation in the processing plant. Quality and price were most frequently mentioned as the basis for building a successful educational and merchandising program to expand markets. Their ideas for increasing efficiency in distribution were concerned principally with price stability and economies in transportation.

The second report in the series, Miscellaneous (FCA) Report 115, released in April 1948, discussed wholesale buyers' replies to questions 2, 3, 5, 6, and 7 of the questionnaire. 2/ The analysis of the replies to these five questions indicated: (1) that buyers of citrus juices depend largely upon taste and sight to determine quality, (2) that about half of them prefer to distribute under their own labels and the other half under the packer's labels, (3) that they most frequently use a combination of packer's sample and U. S. grade as a basis for buying, (4) that about two-thirds of them favor products processed in plants having continuous inspection at the packer's plant by the U. S. Department of Agriculture, and (5) that in all areas except the South the large 46-ounce can moves best. A more complete picture of buyers' likes and dislikes thus was revealed by the second report.

The Sample

The sample in this study has been discussed in some detail in the second report previously released in this series, Miscellaneous (FCA) Report 115. It is, therefore, considered desirable here merely to indicate the number and types of warehouses for which data have been supplied.

The total number of warehouses is shown for each of the three major types of buyers, by county location, in figure 1. This information formerly appeared in Miscellaneous Report 115. It is reproduced in this report for convenience of the reader. Monchain-store warehouses numbered 2,049, and chain-store warehouses, 336. Eleven of the larger chains had branch warehouses and accounted for 132 of the chain-store warehouses located on the map. Fourteen of the large wholesale grocers distributed to 157 branch warehouses. Table 1 shows the number of chain-store and nonchain-store (wholesale grocer and cooperative wholesale) warehouses by geographic regions.

The quantity data on purchases delivered to each <u>branch</u> warehouse were supplied on a special warehouse form. This was an abbreviated questionnaire which covered only questions1, 8, and 9, or the quantity information, on the master questionnaire reproduced at the end of this report.

^{2/} Hensley, Harry C., and Gessner, Anne L. Wholesale Buyers' Attitudes Toward Citrus Juices. Misc. Report No. 115, Farm Credit Administration, U. S. Department of Agriculture.

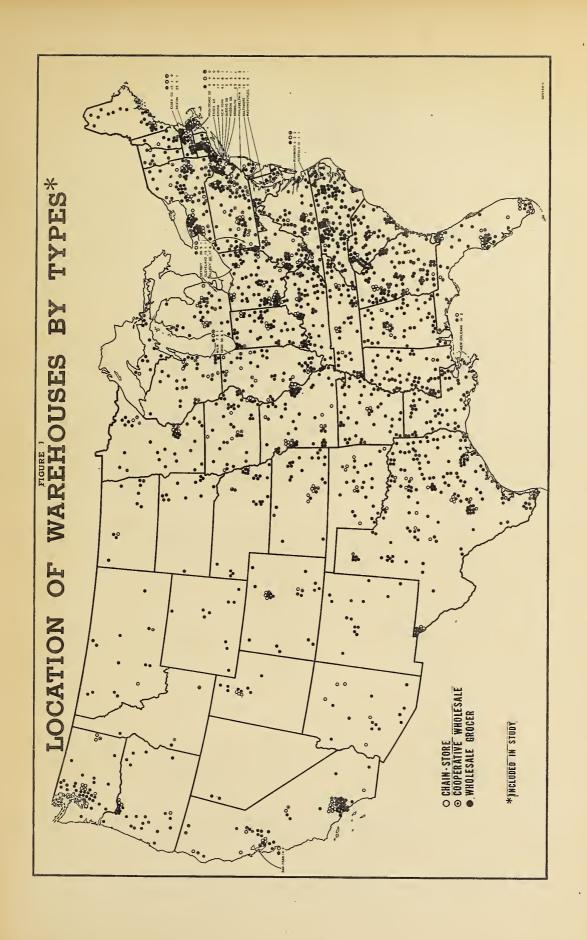




Table 1.- Chain-store and nonchain-store warehouses for which citrus juice purchases were reported, by regions, 1946-47

			 						
	:	Chain	1 4 1	•	Noncha	ain	: All	types	3 ,
Region	:	Number of		***	Number of	;	: Numbe	r of:	
	: 17	rarehouses	Perce	nt:	warehouses	Percent	:wareho	uses: I	Percent
	;		,	:		;	:	:	
New England	:	29	17.4	:	138	82.6	: 16	7 :	100
Middle Atlantic	:	75	19:2	:	315	80.8	: 39	0 :	100
E. North Central	:	62	17.2	.	299	82.8	: 36	1 :	100
W. North Central	:	31	13.8	:	193	86.2	: 22	4:	100
South Atlantic	;	48	10.1	:	428	89.9	: 47	6 :	100
E. South Central	:	17	8.1	:	193	91.9	: 21	0 :	100
W. South Central	:	32	10.2	:	281.	: 39.8	: 31	3 :	100
Mountain	:	13	13.7	:	82.	86.3	: 9	5:	100
Pacific	:	29	19.5	:	120	80.5	: 14	9 :	100
	:_	1	:	:	•	•	:	:	
Total	:	336	14.1	:	2,049	85.9	2,38	5	100

Purchases of all canned citrus juices, single-strength, delivered to chainstore and nonchain-store warehouses included in this survey, amounted to more than 27.8 million cases in 1946-47. This is on an actual case basis and amounts to more than half the United States total production. Total United States production of single-strength canned citrus juices for the same season amounted to approximately 49.4 million cases, on a No. 2 can size basis (table 2)

Table 2.- United States production of canned single-strength citrus juices by producing areas, 1946-47

(Thousands of cases: Basis 24 No. 2 cans to a case)

Juices	: Florida	Texas	: California-Arizona	Total
Grapefruit Orange Blended Tangerine Lemon	8,583 17,294 10,034 1,260	: : 8,240 : 102 : 340 : -	791 2,321 85 -	17,614 19,717 10,459 1/ 1,260 327
Total	37,171	8,682	3,524	49,377

1/ Includes 80,438 cases of tangerine and orange blend.

Source: Canned Citrus Fruit Segments and Juices, Annual Pack and Disposition Data, 1928-29 to 1945-46. Production and Marketing Administration, U.S.D.A. June 1947. Supplementary tables issued April 12, 1948.

Of the total United States production, Florida produced the major portion--37.2 million cases, or slightly over three-fourths. Texas processed 8.7 million cases, or a little over 18 percent, and California-Arizona 3.5 million cases, over 6 percent. In both Texas and California-Arizona, the major emphasis has been placed on marketing fresh citrus fruits, with Florida placing greater emphasis on processing.

Purchases made by the buyers in this survey of the three major citrus juices--grapefruit, orange, and blended--reflected the production pattern for these juices in the principal producing areas (table 3 and figure 2).

Table 3.- Reported purchases of wholesale buyers of major citrus juices compared with United States production, by producing areas, 1946-47

:	Percent of p	irchases	:	::				:
:	reported by	holesale	:	::P	ercent	of Unit	ted States	:
Juices:_	buyers fro	om –	_: To t	al::_	produc	tion for	com - 1/	_: To tal
	: (California	_: al	1 ::	:	: (California	-: all
:.E	lorida: Texas:	Arizona	are	as::F	lorida:	Texas:	Arizona	:areas
:	:		:	::	:	:		:
Grape-:	: :		:	::	:	:		:
fruit:	54.0 : 40.8:	5.2	: 10	0 :: .	48.7:	46.8:	4.5	: 100
Orange:	86.1 : 1.3:	12.6	: 10	0 ::	87.7:	0.5:	11.8	: 100
Blended:_	95.4: 2.7:	1.9	: 10	0 ::	95.9:	3.3:	0.8	: 100
Total	76.3 16.2	7.5	: 10	0 ::	75.1	18.2	6.7	100

^{1/} Based on production figures given in table 2.

Of the purchases reported in this study, Florida produced a little over 76 percent, Texas more than 16 percent, and California-Arizona somewhat less than 8 percent—all three percentages running close to the over—all production percentages given in the preceding paragraph for the three regions.

On an individual juice basis, 88 percent of the orange juice was packed by Florida, about 12 percent by California-Arizona, and less than 1 percent by Texas. Closely following this pattern, the wholesale buyers reporting in this survey purchased about 86 percent of their orange juice from Florida, 13 percent from California-Arizona, and 1 percent from Texas.

Of the blended juice, Florida packed approximately 96 percent, Texas 3 percent, and California-Arizona 1 percent. Buyers reported purchasing about 95 percent from Florida, 3 percent from Texas, and 2 percent from California-Arizona.

From this analysis, the sample represented in the study appears satisfactory for both orange and blended juices. It is somethat less satisfactory for grapefruit juice. Table 3 indicates that Florida packed about 49 percent of the grapefruit juice, Texas 47 percent, and

FIGURE 2 PURCHASES OF THE THREE MAJOR CITRUS JUICES REPORTED BY CHAIN- STORE & NONCHAIN-STORE BUYERS COMPARED WITH U.S. PRODUCTION, BY PRODUCING AREAS, 1946-47 PERCENT OF PURCHASES REPORTED PERCENT OF U.S. PRODUCTION FLORIDA GRAPEFRUIT JUICE 11.8% ORANGE JUICE BLENDED JUICE TOTAL-THREE MAJOR JUICES



California-Arizona over 4 percent. Buyers reporting in this study purchased 54 percent of their grapefruit juice from Florida, 41 percent from Texas, and 5 percent from California-Arizona.

Types of Citrus Juices Purchased by all Buyers

Total purchases of the three major citrus juices in 1946-47 reported by chain-store and nonchain-store buyers combined are shown by type, sweet-ened and unsweetened, in table 4 and figure 3. About 73 percent of all

Table 4.- Total purchases of major canned citrus juices by type, 1946-47 (Hundreds of actual cases)

	Grapefru	iit	juice	0	range ,	juice	Blended	juice	To	ota	1
Type -:	Number	;		: N	umber:	:	Number:		: Number	:	
•	of	;	Per-	:	of :	Per-:	of :	Per-	: of	:	Per-
:	cases	:	cent	:	cases:	cent:	cases:	cent	: cases	:	cent
:		•		•	:	:	:		:	:	
Sweetened :											37.7
Unsweetened:	71949	:	72.8	:	64105:	58.2:	30940:	52.3	:166994	:	62,3
Total 1/	98883	: 3	100.0	1:	10235	100.0	59113	100.0	268231	; ;	100.0

^{1/} Includes distribution to Canada.

grapefruit juice purchases reported, approximately 58 percent of the orange juice purchases, and 52 percent of the blended juice purchases were unsweetened. For the combined major citrus juices mentioned, the unsweetened represented more than 62 percent, or close to two-thirds of the total.

A further analysis of the types of major citrus juice purchases reported is broken down by producing areas in table 5. A larger proportion of Florida's citrus juice production is sweetened than in the other producing areas. Of the sweetened grapefruit juice purchases, about 83 percent was purchased from Florida, 15 percent from Texas, and 2 percent from California-Arizona. Just over half of the unsweetened grapefruit juice came from Texas, while 43 percent was purchased in Florida, and over 6 percent in California-Arizona.

By far the largest portion of the sweetened orange juice, 96 percent, came from Florida. Three percent came from California-Arizona, and 1 percent from Texas. About 79 percent of the unsweetened orange juice was purchased in Florida, almost 20 percent in California-Arizona, and somewhat less than 2 percent in Texas.

Table 5.- Total purchases of major canned citrus juices by type and area from which purchased, 1946-47

(Hundreds of actual cases)

	Florid	a ;	Texas	:	Califo:		All areas
Commodity	: Number : of : cases	Per-	Number: of : cases:	Per- cent	Number of cases	Per-	Number: Per- of cent
	:	: :	, ':	:		: :	
Grapefruit juice:	:	: :	:			: ;	
Sweetened		:83.1:			211		26934:100.0
Unsweetened	: 31010	:43.1:	36367:	50.5:	4572	: 6.4:	71949:100.0
	:	: :	:	:		: ;	:
Orange juice:	:	: :	:	:		: :	:
Sweetened	: 44343	:96.1:	407:	0.9:	1380	: 3.0:	46130:100.0
Unsweetened	: 50598	:78.9:	979:	1.5:	12528	:19.6:	64105:100.0
	:	: :	:	:		: :	:
Blended juice:	:	: :	:	:		: :	:
Sweetened	: 27474	:97.5:	420:	1.5:	279	: 1.0:	28173:100.0
Unsweetened		:93.6:					30940:100.0
Total	204762 1/	76.3	43315	16.2	20154	7.5	268231 100.0

^{1/} Includes distribution to Canada.

Buyers reported that almost 98 percent of their sweetened blended juice was purchased from Florida, and about 1 percent each from Texas and California-Arizona. Almost 94 percent of the unsweetened blended juice was purchased in Florida, about 4 percent in Texas, and over 2 percent in California-Arizona.

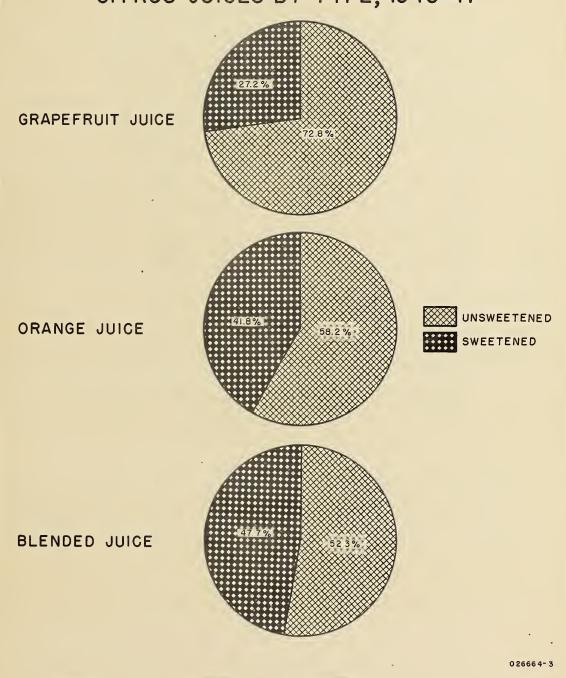
Out of the combined total of all kinds and types of the three major citrus juices purchased by these buyers, slightly more than three-fourths came from Florida, while over 16 percent came from Texas, and about half that much, or approximately 8 percent, from California-Arizona.

Regional Purchases by Type of Citrus Juice and Buyer

A regional analysis of the types of the three major citrus juices purchased by chain-store and by nonchain-store buyers is shown in tables 6 to 8. The slight differences in a few of the percentages in these tables from those in table 4 are accounted for by the fact that distribution of purchases to Canadian warehouses is not included.

FIGURE 3

PURCHASES REPORTED BY CHAIN-STORE AND NONCHAIN-STORE BUYERS OF THE THREE MAJOR CITRUS JUICES BY TYPE, 1946-47





Grapefruit Juice

Over half of the purchases of grapefruit juice made by all buyers reporting in the South Atlantic and East South Central areas was sweetened juice (table 6). Unsweetened grapefruit juice constituted more than 88 percent of the West South Central purchases, about 82 percent of those in the West North Central area, and three-fourths or more of the purchases distributed to warehouses in the Middle Atlantic, Mountain, and Pacific areas.

Table 6.- Percentages of sweetened and unsweetened grapefruit juice purchased by chain-store and nonchain-store buyers, 1946-47 1/

	<u></u>	S	weetened	-::	Un	sweetened	
Region 2/	:	Chain	Nonchain	Total	Chain	Nonchain	Total
-	;	Percent:	Percent:	Percent::	Percent	: Percent	Percent
***	:	:	:			:	:
New England	:	47.4:	35.6:	43.6 ::	52.6	: 64.4	: 56.4
Middle Atlantic	*	26.4:	23.0 :	25.1 ::	73.6	: 77.0	74.9
E. North Central	:	33.8 :	21.6:	28.6 ;:	66.2	78.4	71.4
W. North Central	:	27.3:	13.8 :	18.3 ::	72.7	: 86.2	81.7
South Atlantic	:	57.4:	60.2 :	58.9 ::	42.6	: 39.8	: 41.1
E. South Central	:	68.7 :	49.0:	55.4 ::	.31.3	: 51.0	44.6
W. South Central	:	7.2:	14.6:	11.8 ::	92.8		88.2
Mountain	:	19.8:	26.6:	23.0 ::	80.2	73.4	77.0
Pacific	:	30.3:	17.2 :	23.9 ::	69.7	82.8	76.1
	:_		:	::			
U. S. total	:3	29.5	24.6	3/ 27.4	3/-70.5	75.4	3/ 72.6

^{1/} A complete analysis by producing areas and States to which juices were distributed appears in Appendix tables 1 and 2.

2/ Distribution to Canadian warehouses is not included.

Approximately 30 percent of the chain-store purchases of grapefruit juice for all areas was sweetened, compared with 25 percent of the nonchain-store purchases. The percentage of sweetened was lowest for chain-store buyers in the West South Central area, approximately 7 percent. It was comparatively low also for nonchain-store buyers in this area, about 15 percent.

in the same

^{3/} U. S. total includes some data which could not be broken down by types of juice for each region.

Orange Juice

The percentage of sweetened orange juice purchased was larger than unsweetened in the New England, South Atlantic, East South Central, and West South Central regions (table 7). In the Pacific area, unsweetened orange juice constituted approximately 84 percent of the orange juice purchased by all buyers reporting, and in the East North Central area it accounted for two-thirds of the purchases. Also, in the Middle Atlantic, West North Central, and Mountain regions over half the orange juice purchased by all buyers reporting was unsweetened.

Table 7.- Percentages of sweetened and unsweetened orange juice purchased by chain-store and nonchain-store buyers, 1946-47 1/

		weetened		t :	Uns	weetened	
Region 2/	Chain	Nonchain	Total	::	Chain	Nonchain	Total
	: Percent:	Percent:	Percent	*:	Percent:	Percent	Percent
	: :			::			: "
New England	: 79.9 :	41.0 :	65.7	::	20.1 -:	59:0	: 34.3
Middle Atlantic	: 44.3:	50.4:	47.2	::	55.7.;	49.6	: 52.8
E. North Central	: 26.8 :	39.0 :	33.1	::	73.2:	61.0	: 66.9
W. North Central	17.1	58,2:	47.3	::	82.9:	41.8	: 52.7
South Atlantic	: 40.5:	72.9:	57.5	::	. 59.5:	27.1	: 42.5
E. South Central	: 49.7 :	79.5 :	71.9	::	50.3:	20.5	: 28.1
W. South Central	: 39.2:	60.9 :	53.8	::	60.8:	39.1	: 46.2
Mountain	9.3:	60.6 :	42.0	::-	90.7 :	39.4	58.0
Pacific	: 23.6 :	12.3 :	16.1	::	76.4:	87.7	83.9
	::	:		::	:		:
U. S. total	3/ 34.2	51.3	3/41.9	::-	3/ 65.8	48.7	3/ 58.1

^{1/} A complete analysis by producing areas and States to which juices were distributed appears in Appendix tables 3 and 4.

2/ Distribution to Canadian warehouses is not included.

More than half of the orange juice purchased by nonchain-store buyers in all regions was sweetened, as compared with only about a third of that purchased by chain-store buyers. However, the percentage of sweetened orange juice purchased by chain-store buyers was particularly high in the New England area, where about 80 percent was reported as sweetened juice. In the Mountain area, on the other hand, less than 10 percent of chain-store purchases was sweetened. Percentages of sweetened purchased by nonchain-store buyers were highest in the South Atlantic and East South Central regions, where these buyers reported that 98 percent or more of their supplies were purchased from Florida.

^{3/} U. S. total includes some data which could not be broken down by types of juice for each region.

Blended Juice

The percentage of sweetened blended juice purchased by chain-store and nonchain-store buyers combined in the East South Central area was particularly high, amounting to almost 82 percent of all purchases reported for the area (table 8). In New England, sweetened represented three-fourths of the blended juice purchased in that area by all types of buyers. It constituted more than 60 percent in the East North Central and South Atlantic regions, and more than half in the Middle Atlantic and West North Central regions.

Table 8 .- Percentages of sweetened and unsweetened blended juice purchased by chain-store and nonchain-store buyers, 1946-47 1/

	:	8	Sι	veetened	<u> </u>		::	Un	sweeter	ed	
Region 2/	:	Chain	1	Nonchair	:	Total	::	Chain	Noncha	in	Total
	:	Percent	•	Percent	:	Percent	:::	Percent	Perce	nt:	Percent
	:	1	:		:		::		:	:	
New England	:	88.3	:	49.3	:	74.7	::	11.7	50.2	:	25.3
Middle Atlantic	:	49.3	:	56.8	:	52.5	::	50.7	: 43.2	:	47.5
E.Morth Central	:	65.7	:	57.6	:	61.6	::	34.3	: 42.4	:	38.4
W.North Central	:	48.3	:	63.4	:	58.9	::	51.7	36.6	:	41.1
South Atlantic	:	60.9	•	76.4	:	66.8	::	39.1	23.6	:	33.2
E.South Central	:	96.4	•	69.4	:	81.5	::	3.6	30.6	;	18.5
W. South Central	:	12.1	:	49.0	:	34.3	::	87.9	: 51.0	:	65.7
Mountain	:	9.6 :	:	71.4	:	49.5	::	90.4	28.6	:	50.5
Pacific	:	33.8	:	41.6	:	38.4	::	66,2	58.4	:	61.6
	:_		:		:		::			:	
U. S. total	:-	3/ 42.2	•	57.2	:3	1 47.7	::	3/ 57.8	42.8	: "	3/ 52.3

^{1/} A complete analysis by producing areas and States to which juices were distributed appears in Appendix tables 5 and 6.

Of the total nonchain-store purchases of blended juice for all areas, slightly over 57 percent was sweetened, while, on the other hand, almost 58 percent of total chain-store purchases was unsweetened. Chain-store purchases of sweetened were particularly low in the Mountain region, less than 10 percent. The chain-store percentage of sweetened blended juice was high, however, in the East South Central and New England regions.

^{2/} Distribution to Canadian warehouses is not included.
3/ U. S. total includes some data which could not be broken down by types of juice for each region.

Regional Purchases by Froducing Area and Type of Buyer

Tables 9 to 11 show the percentages of the major citrus juices purchased by chain-store and nonchain-store buyers from each producing area, according to geographic region.

Grapefruit Juice

More than half--about 54 percent--of the purchases of both sweetened and unsweetened grapefruit juice made by chain-store and nonchainstore buyers combined for all regions came from Florida, over twofifths came from Texas, and a little more than 5 percent from California-Arizona (table 9). When analyzed by types of buyers, chainstore buyers in all regions purchased nearly 60 percent of their supplies of grapefruit juice from Florida and about 36 percent from Texas. Nonchain-store buyers purchased about equal percentages from Florida and from Texas. Chain-store and nonchain-store buyers purchased about the same percentages from California-Arizona.

Table 9 .- Percentages of grapefruit juice purchased from the three major producing areas by chain-store and nonchain-store buyers, 1946-47 1/

Region 2/]	Florida		::		Texa	s	:	Cali Ari	fornia zona	-
megion &/	Cha	in	Non-: chain:	Total	::	Chain	Non; chai	n: Tota	1	Chain	Non-: chain:	Total
	Pe	r-	Per-:	Per-	: :	Per-	: Per	-: Per	- :	Per-	Per-:	Per-
:	ce	nt :	cent:	cent	::	cent	: cen	t: cen	<u>t</u> :	cent :	cent:	cent
- :			:		::		:	:	:	: :	:	
New England	9.	5.5	94.9:	95-3	3::	4.5	: 4.	3: 4	.5:	; - :	0.8:	0.2
Middle Atlantic	7	5.6	70.6:	75.0)::	23.2	: 27.	9: 24	.4:	: 0.2:	1.5:	0.6
E. North Central:	5	1.9	47.8:	50.3	3::	48.1	: 49.	4: 48	.6:	: 3/:	2.8:	1.1
W. North Central:	3	5.5	18.5:	25.5	5::	61.5	: 80.	1: 73	.6:	: 3/:	1.4:	0.9
South Atlantic	9	3.8	96.2:	97.7	7::	1.2	3.	3: 2	.1:`	: ', :	0.5:	0.2
E. South Central:	7	5.5	65.0:	69.3	3::	23.5	: 34.	8: 30	.6:	: - :	0.2:	0.1
W. South Central:	;	5.1	5.3:	5.6	5::	93.9	: 94.	3: 94	.1:	: - :	0.4:	0.3
Mountain	:	3.5	25.3:	16.4	†::	76.3	: 61.	4: 69.	·3:	15.2:	13.3:	14.3
Pacific	1	7.4	49.3:	32.9)::	40.0	: 23.	4: 31	.9:	: 42.6:	27.3:	35.2
			:		::		:	10	, :	: :	:	
U. S. total	4/5	9-3	47.6	4/54.3	3	4/35.6	47.	0 4/40	.4	4/5.1	5.4	4/5.3

^{1/} A complete analysis by producing areas and States to which juices were distributed appears in Appendix tables 1 and 2.

2/ Distribution to Canadian warehouses is not included.

^{3/} Less than .05 percent.
4/ U. S. total includes some data which could not be broken down by types of juice for each region.

The analysis of sources of purchases for buyers in the different geo-graphic regions indicates that the distribution pattern generally followed was a logical one, with buyers obtaining their supplies, for the most part, from the nearest producing area. Chain and nonchain-store buyers combined in the New England and South Atlantic areas, purchased 95 percent or more of their grapefruit juice supplies from Florida. Both types of buyers in the Middle Atlantic area together purchased three-fourths of their supplies in Florida; those in the East South Central area, almost 70 percent; and in the East North Central slightly over half from Florida. Buyers in the West South Central area, on the other hand, purchased less than 6 percent from Florida, with 94 percent being purchased in Texas. The West North Central and Mountain areas also reported large percentages purchased in Texas.

Chains in the West North Central and East South Central areas purchased substantially larger percentages from Florida than did nonchains, while nonchain-store buyers in the Mountain and Pacific areas reported a much larger percentage of their purchases made in Florida than did the chains in these two areas. In the latter area, chains purchased about 43 percent of their supplies from California-Arizona. The importance of nearness of warehouse location to producing area is reflected in the high percentages purchased from Florida by chain-store buyers in the five eastern regions. These regions, New England, Middle Atlantic, South Atlantic, East North Central, and East South Central accounted for two-thirds of the chain-store warehouses.

Orange Juice

Nore than 86 percent of all orange juice purchased by the combined chainstore and nonchain-store buyers who reported in this survey came from Florida, about 13 percent from California-Arizona, and 1 percent from Texas (table 10). When analyzed by types of buyers, chain-store buyers purchased more than 90 percent of their supplies from Florida and only about 9 percent from California-Arizona. Nonchain-store buyers purchased about 81 percent of their orange juice from Florida and 18 percent from California-Arizona. Purchases from Texas represented about the same percentage for both the chain-store and nonchain-store buyers.

On a regional basis, all buyers reporting in the New England, South Atlantic, and East South Central regions purchased about 95 percent or more of their orange juice from Florida. Buyers in all other regions except the Pacific, purchased about three-fourths or more of their supplies from this source. The Pacific area buyers purchased more than half from the nearest producing area—California—Arizona. However, this percentage was greatly influenced by nonchain—store buyers. They bought 64 percent of their orange juice from California—Arizona, while chain—store buyers purchased slightly over a fourth of their supplies from that source.

Table 10 .- Percentages of orange juice purchased from the three major producing areas by chain-store and nonchain-store buyers, 1946-47 1/

							•		
Postos 0/		Florid	a ::	·	Texas	::		fornia zona	-
Region 2/		: Non-: chain:	Total	Chain	Non-: chain:	Total	Chain	Non-:, chain:	Total
	Per-	: Per-:	Per- ::	Per- :	Per-:	Per- ::	Per-:	Per-:	Per-
	cent	: cent:	cent ::	cent:	cent:	cent ::	cent:	cent:	cent
		::	::	7:	:	. ::		:	
New England	94.7	: 93.4:	94.4::	- :	0.1:	3/ ::	5.3:	6.5:	5.6
Middle Atlantic	91.2	: 83.5:	88.8:	0.7:	0.1:	0.5::	8.1:	16.4:	10.7
E. North Central	89.1	: 79.4:	85.1::	0.7:	1.0:	0.8::	10.2:	19.6:	14.1
W. North Central:	91.2	: 84.8:	86.8::	0.2:	2.0:	1.5::	8.6:	13.2:	11.7
South Atlantic	95.4	: 97.9:	96.6::	- :	0.1:	3/ ::	4.6:	2.0:	3.4
E. South Central	95.4	: 98.6:	97.6::	1.0:	0.4:	0.6::	3.6:	1.0:	1.8
W. South Central	79.8	: 79.8:	79.8::	11.1:	7.9:	9.0::	9.1:	12.3:	11.2
Mountain	67.7	: 77.4:	73.9::	14.4:	1.2:	6.ò::	17.9:	21.4:	20.1
Pacific	72.9	: -33.9:	48.0::	1:2:	2.1:	1.8::	25.9:	64.0:	50.2
		: :	::	:	:	::	:	:	
U. S. total	<u>4</u> /90.2	81.1	4/86.1	4/ 1.1	1.4	4/ 1.3	4/8.7	17.5	4/12.6

^{1/} A complete analysis by producing areas and States to which juices were distributed appears in Appendix tables 2 and 4.

In the Mountain area, also, chain-store buyers were somewhat lower in the percentage purchased in Florida, buying slightly over two-thirds of their supply from that State. They ranked next to the Pacific chain-store buyers in percentage of purchases by chain-store buyers from California-Arizona--with about 18 percent from that source--and exceeded all other buyers in the percentage of their purchases of orange juice from Texas.

Blended Juice

The percentage of blended juice purchased from Florida by all buyers was approximately 96 percent of the total, with each of the other two producing areas supplying around 2 percent (table 11). Chain-store buyers purchased a somewhat higher proportion of their blended juice from Florida than nonchain-store buyers.

In the New England, South Atlantic, and East South Central regions, chainstore buyers bought all of their blended juice from Florida. The lowest percentage from Florida was purchased by nonchain-store buyers in the West South Central Region, who purchased about 58 percent of their supplies of blended juice from that source and more than 38 percent from Texas. The largest percentage purchased from California-Arizona was by nonchain-store

^{2/} Distribution to Canadian warehouses is not included.

 $[\]frac{3}{4}$ Less than .05 percent. $\frac{4}{4}$ U. S. total includes some data which could not be broken down by types of juice for each region.

buyers in the Pacific region, who purchased close to a fifth of their blended juice from that producing area.

Table 11.- Percentages of blended juice purchased from the three major producing areas by chain-store and nonchain-store buyers, 1946-47 1/

Domina 2/	Flor	·ida	::	T	exas	::		fornia- izona	
Region 2/	unain	Ion-: To	otal		Non-: chain:	Total	Chain	Non-:	Cotal
,	Per- : F	er-: P	er- ::	Per- :	Per-:	Per- ::	Per-:	Per-:	Per-
	cent : c	cent: c	ent ::	cent:	cent:	cent ::	cent:	cent:	cent
	: : -	: -	::	:	:	::	:	:	
New England	: 100.0: 9	9.3:	99.8::	- :	0.2:	3/::	- :	0.5:	0.2
Middle Atlantic	: '98.9: 9	9.0:	98.9::	0.7:	0.2:	0.6::	0.4:	0.8:	0.5
E. North Central	99.4: 9	3.0:	96.9::	0.4:	4.1:	1.8::	0,2:	2.9:	1.3
W. North Central	: 99.8: 8	19.5:	93.3::	- :	7.3:	4.6::	0.2:	3.2:	2.1
South Atlantic	: 100.0: 9	9.1:	99.7::	- :	0.3:	0.1::	ec :	0.6:	0.2
E. South Central	: 100.0: 9	8,2:	99.2::	· - :	0.8:	0.4::	- :	1.0:	0.4
W. South Central	: 76.7: 5	7.5:	65.9::	20.0:	38.4:	30.3::	3.3:	4.1:	3.8
Mountain	94.9: 9	2.0:	93.0::	-:	4.9:	3.2::	5.1:	3.1:	3.8
Pacific	: 90.8: 7	5.0:	82.1::	7.9:	6.8:	7.3::	1.3:	18.2:	10.6
	2	0	::	:	;	• ::			
U. S. total	4/98.2	0.9 4/	95-5: 4	1.3	4.9:1	4/ 2.6	4/0.5	4.2	4/1.9

^{1/} A complete analysis by producing areas and States to which juices were distributed appears in Appendix tables 4 and 6.

Regional Purchases by Type of Citrus Juice and Producing Area

"Grapefruit Juice

Chain-Store Buyers

Percentage distribution of sweetened and unsweetened grapefruit juice purchases by chain-store buyers from the three major producing areas is shown in table 12 and figure 4. Of the sweetened juice, about 83 percent of that purchased by chain-store buyers in all areas was from Florida, 14 percent from Texas, and approximately 3 percent from California-Arizona. Buyers in the New England area purchased all of their supply of sweetened from Florida, while those in the Middle Atlantic and South Atlantic regions bought 98 percent or more from that source, as is graphically shown in the left-hand circles in figure 4. Texas was the source of supply for almost two-thirds of the chain-store purchases of sweetened grapefruit juice in the West South

^{2/} Distribution to Canadian warehouses is not included.
3/ Less than .05 percent.
4/ U. S. total includes some data which could not be broken down by types of juice for each region.

Central region, for more than half in the Mountain region, and about 43 percent in the Pacific region. For the latter two regions California-Arizona supplied substantial amounts, about 14 and 23 percent, respectively.

Table 12.- Percentages of sweetened and unsweetened grapefruit juice purchased by chain-store buyers from the three major producing areas by regions. 1946-47

*			
	: Sweetened	·· • • •	Unsweetened
Region	'Florida' Texas : Ca	lifornia-::Florid	a: Texas : California-
-	:=	Arizona ::	: Arizona
	:Percent:Percent:	Percent :: Percen	t:Percent: Percent
	: :	::	:
New England	: 100.0 : - :	-, :: 87.6	: 12.4 : -
Middle Atlantic	: 99.1 : 0.9 :	- :: 49.0	: 50.5 : 0.5
E. North Central	: 87.5 : 12.5 :	1/ :: 22.4	: 77.5 : 0.1
W. North Central	: 73.3 : 26.7 :	:: 20.2	: 79.8 : <u>1/</u>
South Atlantic	: 98.2 : 1.8 :	- :: 98.5	: 1.5: -
E. South Central	: 80.0 : 20.0 :	- :: 49.8	50.2:
W. South Central	: 34,3 : 65,7 :	- :: 0.7	: 99.3: -
Mountain	: 32.3 : 53.6 :	14.1 :: 2.7	: 81.8 : 15.5
Pacific	: 34.2 : 42.9 :	22.9 :: 8.4	: 39.5 : 52.1
	:	* : :	:
Total 2/	82.5 14.3	3.2 32.2	59.8 8.0

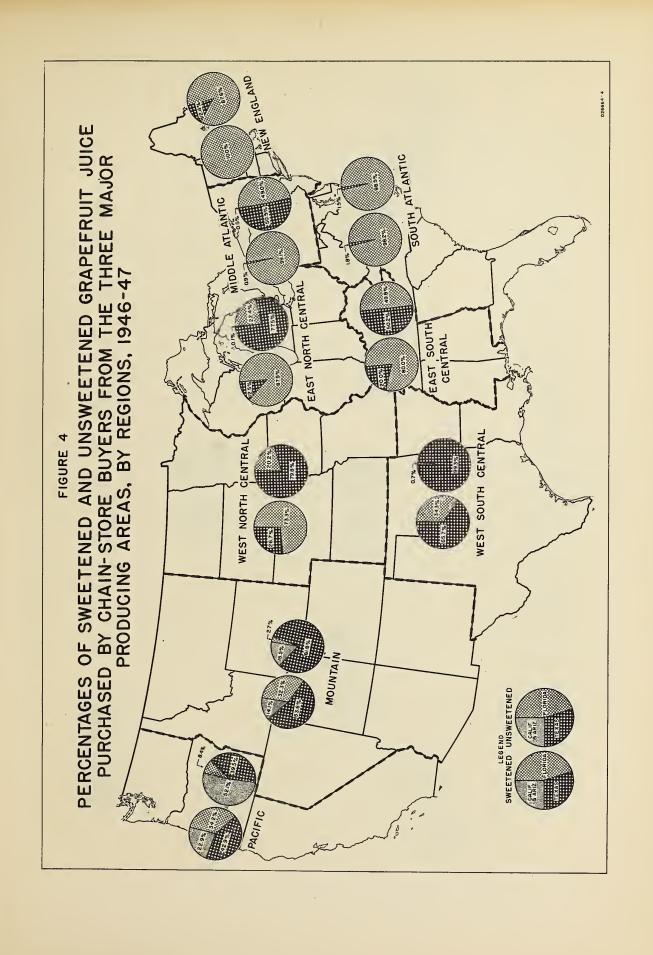
^{1/} Less than .05 percent.

Texas supplied almost 60 percent of the total unsweetened grapefruit juice purchased by chain-store buyers. As shown by the right-hand circles in figure 4, it supplied slightly more than 99 percent of the purchases made by buyers in the West South Central region, more than three-fourths in the East North Central, West North Central, and Nountain regions, as well as over half of the purchases made by chain-store buyers in the Middle Atlantic and East South Central regions. California-Arizona was the major source of supply for chain-store buyers of unsweetened grapefruit juice in the Pacific region, supplying more than half of the total purchases in that area.

Nonchain-Store Buyers

A similar analysis for the nonchain-store buyers indicatos that the percentages of both sweetened and unsweetened grapefruit juice purchased from each producing area by all chain-store and nonchain-store buyers were comparable (table 13, figure 5). Florida supplied 80 percent, Texas about 19 percent, and California-Arizona slightly more than 1 percent of the sweetened grapefruit juice purchases of all nonchain-store buyers.

^{2/} Does not include data which could not be broken down by type of juice for each region.



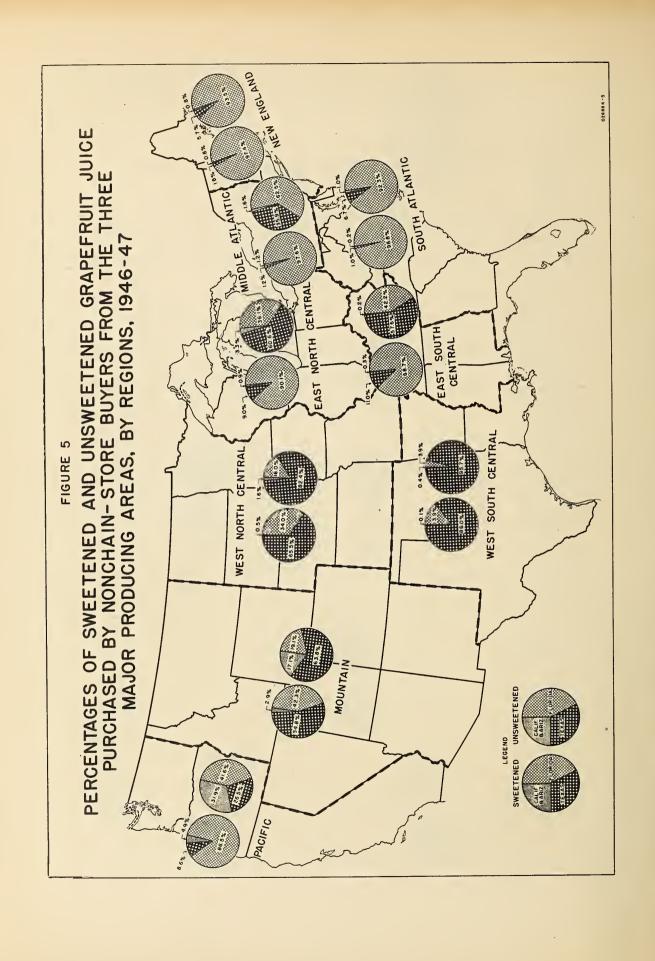


Table 13.- Percentages of sweetened and unsweetened grapefruit juice purchased by nonchain-store buyers from the three major producing areas by regions, 1946-47

	:		Sweete	ned	<u> </u>	::	Uns	sweetene	ed
Region	F	lorida	Texas	: 0	alifornia Arizona	F	lorida	Texas	California- Arizona
	:P	ercent	Percen	t:	Percent	:: <u>P</u>	ercent:	Percent:	Percent
·	:			:		::	:	:	
New England	:	97.4	1.8	:	0.8	::	93.5:	5.7 :	0.8
Middle Atlantic		97.6	1.2	:	1.2	::	62.5:	35.9:	1.6
E. North Central	:	90.1	9.0	:	0.9	::	36.1:	60.6:	3.3
W. North Central	:	34.0	65.5	:	0.5	::	16.0:	82.4	1.6
South Atlantic	:	98.8	1.0	:	0.2	::	92.3:	6.7	1.0
E. South Central	:	88.7		;	0.3	::	42.2:	57.6:	0.2
W. South Central	:	13.9	86.0	:	0.1	;:	3.9:	95.7	
Mountain	:	42.3	54.8	:	2.9	::	19.1:	63.8	•
Pacific	:	86.5	8.6	:	4.9	::	41.6:	26.5	31.9
	:_		<u> </u>	:		::	<u></u> :.		
Total	:	80.0	18.9	:	1.1	::	37.0	56.2	6.8

On a regional basis, however, the pattern varies somewhat. This is particularly true for the Pacific area, where nonchain-store buyers purchased about 37 percent of their sweetened grapefruit juice from Florida compared with 34 percent for chain-store buyers. In the West North Central region nonchain-store buyers purchased only 34 percent of their sweetened grape-fruit juice from Florida compared with more than 73 percent for chain-store buyers. The major source of supply for nonchain-store buyers of sweetened grapefruit juice in the West North Central, West South Central and Mountain regions was Texas, as shown by the left-hand circles in figure 5. The percentages for nonchain-store buyers are close to those of chain-store buyers in the New England, Middle Atlantic, East North Central and South Atlantic regions where Florida supplied 90 percent or more of the sweetened juice purchased by nonchain-store buyers, and in the East South Central area where more than 80 percent came from Florida.

Of the unsweetened grapefruit juice purchased by nonchain-store buyers in all regions, Florida supplied 37 percent, Texas about 56 percent, and California-Arizona almost 7 percent. In the Mountain and Pacific areas nonchain-store buyers purchased a larger percentage of their supplies from Florida than was true for chain-store buyers in these two areas. Texas was the major source of supply for five regions: East North Central, West North Central, East South Central, West South Central, and Mountain as may be noted from the right-hand circles in figure 5. California-Arizona was the source of supply for almost a third of the purchases made by nonchain-store buyers in the Pacific region.

Orange Juice

Chain-Store Buyers

Table 14 and figure 6 show the percentages of sweetened and unsweetened orange juice purchased by chain-store buyers from the three major producing areas. More than 96 percent of the sweetened orange juice purchased

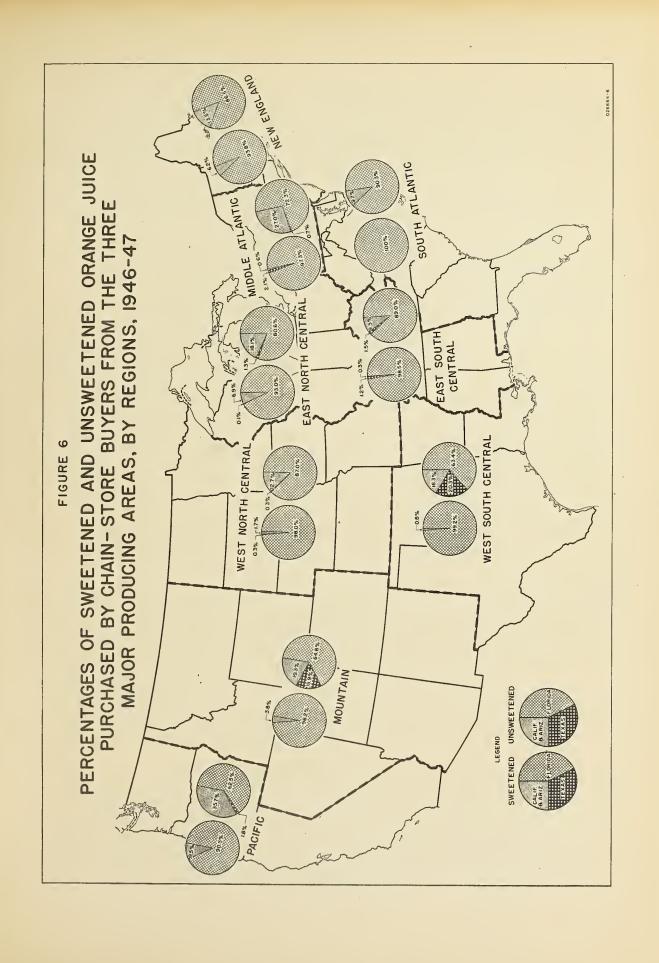
Table 14. - Percentages of sweetened and unsweetened orange juice purchased by chain-store buyers from the three major producing areas by regions, 1946-47

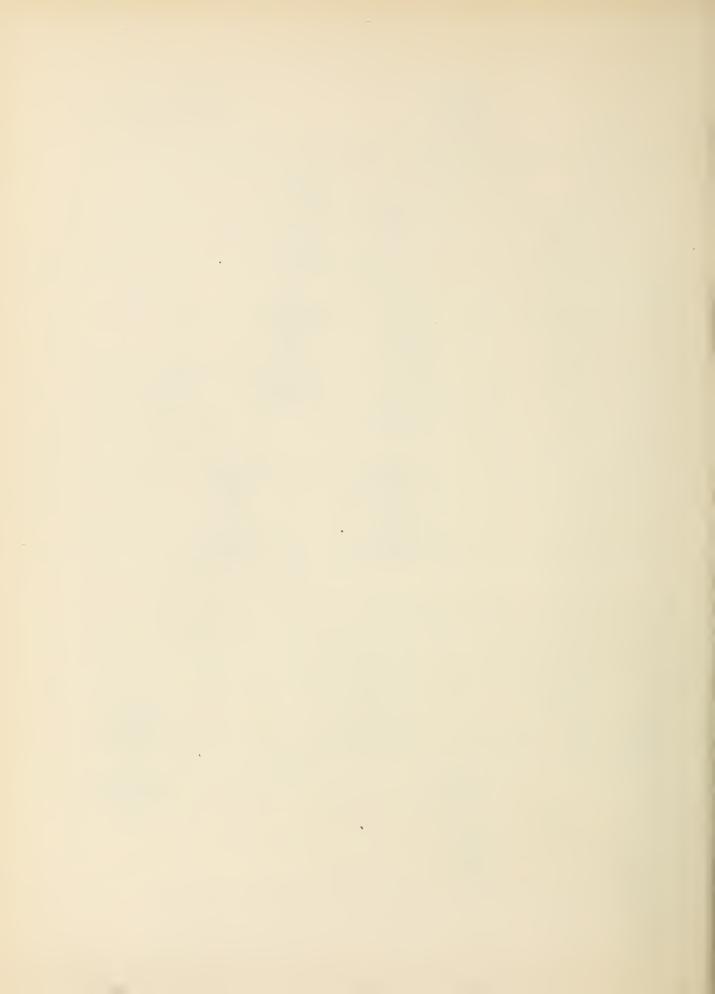
The second secon										_	
	:			Sweete			::		nsweet		ed
Region	:	Florida	2:	Texas	; (:	California Arizona	-:: _E	lorida	Texas	:	California- Arizona
	:	Percent		Percen	t:	Percent	::P	ercent:	Percen	t:	Percent
	:		:		:		::	:		:	
New England	:	93.8	6	-	:	6,2	::	86.5:	_	:	13.5
Middle Atlantic	:	97.3	:	2.1	;	0.6	::	72.3:	0.7	:	27.0
E. North Central	:	93.0	:	0.1	-:	6.9	::	80.6:	1.3	:	18.1
W. North Central	:	98.0	;	0.3	:	1.7	::	87.0:	0.3	:	12.7
South Atlantic	:	100.0	:	-	:	_	::	90.3:	-	:	9.7
E. South Central	:	98.5	:	1.2	:	0.3	::	89.0:	1.5	:	9.5
W. South Central	:	99.2	•		:	0.8	::	63.4:	20.3	:	16.3
Mountain	:	96.2	:	-	:	3.8	::	64.8:	15.9	•	19.3
Pacific	:	90.5		-	:	9.5	::	62.5:	1.8	:	35.7
	:_		:		:		::	:		;	
Total 1/	:	96.1	:	0.7	; ;	3.2	::	77.9	2.4	:	19.7

1/ Does not include data which could not be broken down by type of juice for each region.

by chain-store buyers in all areas came from Florida, less than I percent from Texas, and about 3 percent from California-Arizona. Of the unsweet-ened, 78 percent was purchased in Florida and almost 20 percent in California-Arizona. As mentioned earlier in this publication, Florida produced 88 percent of the total United States production of orange juice in 1946-47, while California-Arizona produced most of the balance.

The largest percentages of unsweetened orange juice purchased by chainstore buyers from the California-Arizona area were in the Pacific and the Middle Atlantic regions with 36 percent and 27 percent, respectively. Texas supplied between 15 and 20 percent of the purchases made by buyers in the West South Central and Mountain regions.





Monchain-Store Buyers

A similar analysis of nonchain-store buyers' purchases of sweetened and unsweetened orange juice is made in table 15 and figure 7. These buyers from all regions purchased about 96 percent of their sweetened orange juice from Florida, 3 percent from California-Arizona, and 1 percent from Texas, which is comparable to the chain-store percentages.

Table 15.- Percentages of sweetened and unsweetened orange juice purchased by nonchain-store buyers from the three major producing areas by regions, 1946-47

	• .	Sweetened	::	Unsweetene	a
Region					California-
0	Florida	Texas : A	ifornia-:: F	lorida Texas	Arizona
1	:Percent:			ercent: Percent:	Percent
•		:	. ::	: :	
New England	: 96.3:	• • • • •	3.2 ::	91.2: 0.1:	8.7
Middle Atlantic	: 97.2:	0.1 ;	2.7 ::	69.6; 0.1:	30.3
E. Morth Central	: 95.1:	0.6:	4,3 ::	69.3: 1.2:	29.5
W. North Central	: 93.8:	1.4:	4.8 ::	72.3: 2.9:	24.8
South Atlantic	: 99.3:	<u>l</u> / :	0.7 ::	94.0: 0.2:	5.8
E. South Central	: 99.7:	0.3	<u>1</u> / ::	94.4: 0.8:	4.8
W. South Central	: 90.2:	5.6 ;	4.2 ::	63.7: 11.5:	24.8
Mountain	: 91.9:	- :	8.1 ::	55.3 : 2.9 :	41.8
Pacific	: 69.5:	11,4:	19.1 ::	28.9: 0.8:	70.3
	::	•	::	: :	
Total	95.6	-1.1	3.3	65.9 1.6	32.5

^{1/} Less than .05 percent.

Buyers in the New England, Middle Atlantic, South Atlantic, East North Central, and East South Central regions purchased 95 percent or more of their sweetened orange juice from Florida, as shown by the left-hand circles in figure 7. The smallest percentage of purchases from Florida was by buyers in the Pacific area, who purchased over 19 percent from California-Arizona, and more than 11 percent from Texas.

Of the unsweetened orange juice purchased by nonchain-store buyers in all regions, almost two-thirds was purchased in Florida and most of the balance in California-Arizona.

On a regional basis, nonchain-store buyers in the Pacific area purchased by far the largest percentage of their total supply of unsweetened orange juice from California-Arizona. Nonchain-store buyers in the Mountain area purchased about 42 percent of their unsweetened orange juice from California-Arizona. Three of the other regions bought 90 percent or more of their unsweetened orange juice from Florida, and the remaining four geographic regions bought at least 60 percent or more from that source (see right-hand circles in figure 7).

Blended Juice

Chain-Store Buyers

Florida, which accounted for about 96 percent of the total United States production, supplied more than 99 percent of the sweetened blended juice and over 94 percent of the unsweetened bought by chain-store buyers in all areas (table 16 and figure 8). The largest percentage of blended juice from any other producing area was 4 percent of the unsweetened supplied by Texas.

Table 16.- Percentages of sweetened and unsweetened blended juice purchased by chain-store buyers from the three major producing areas by regions, 1946-47

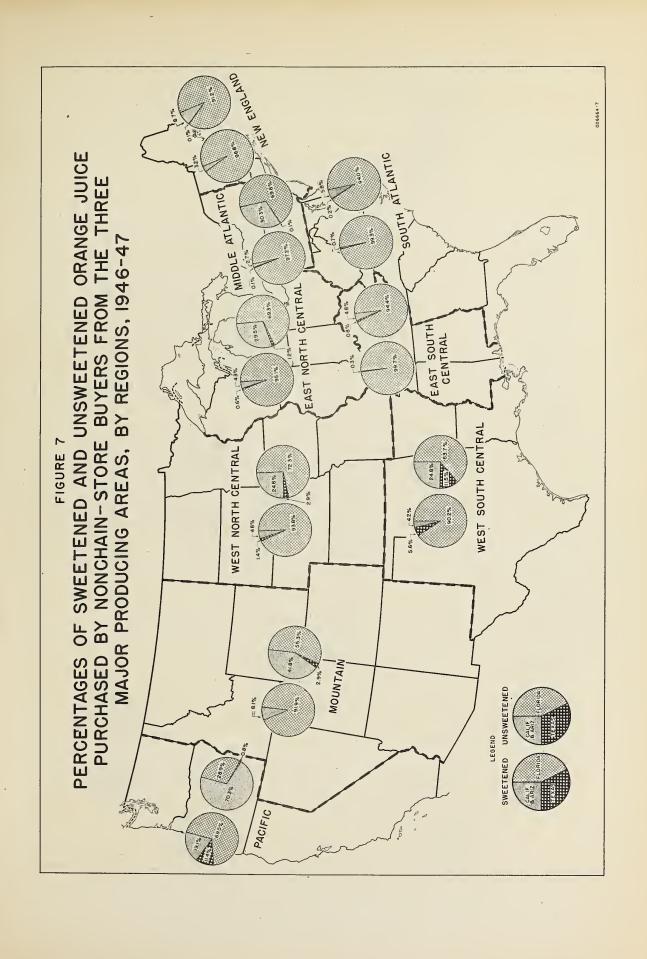
The state of the s	•	Conntana		• • 7	[m. a a. + a.	
· ·	•	Sweetene			inswee ter	
Region	Florida	Texas	California-	Florida	Torrag	California-
	FIOTIUA	: Texas ;	Arizona	:: Elorida:	Texas	Arizona
	:Percent	:Percent:	Percent	::Percent:	Percent	Percent
	:	;		: :		}
New England	: 100.0	: - :	-	:: 100.0 :	- :	-
Middle Atlantic	: 97.6	: 2.3 :	0.1	:: 97.8:	0.5	1.7
E.North Central	: 99.5	: 0.5 :	-	:: 97.8:	1.1	1.1
W. North Central	: 100.0	: :	-	:: 99.5:	- :	0.5
South Atlantic	: 100.0	: <u>"</u> – :		:: 100.0:	- :	-
E. South Central	: 100,0	: '- :	••	:: 100.0 :	- ;	-
W. South Central	: 97.6		-	:: 69.2:	26. 3	4.5
Mountain	: 86.2	: - :	13.8	:: 95.8:	-	4.2
Pacific	: 99.9	: - :	0.1	:: 83.9:	13.9	2.2
	:	: :		:: :		
Total <u>1</u> /	99.1	0.8	0.1	94.3	4.0	3.07

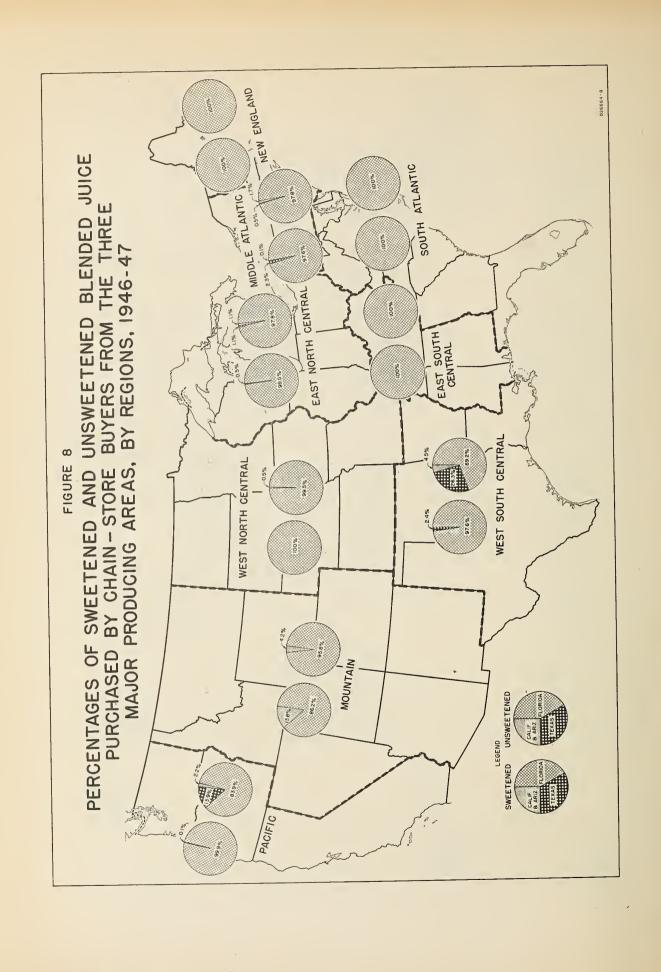
1/ Does not include data which could not be broken down by type of juice for each region.

The regional percentages, for the most part, followed the same pattern as the totals for all areas, with three exceptions. In the Mountain region chain-store buyers purchased about 14 percent of their sweetened juice from California-Arizona, in the West South Central region they purchased more than 26 percent, and in the Pacific region about 14 percent of their unsweetened blended juice from Texas.

Nonchain-Store Buyers

Percentages of blended juice purchased by nonchain-store buyers are shown in table 17 and figure 9. For nonchain-store buyers in all regions, Florida supplied about 95 percent, Texas 3 percent, and California-Arizona 2 percent of the sweetened blended juice; of the unsweetened, Florida supplied 85 percent, Texas about 8 percent, and California-Arizona 7 percent.





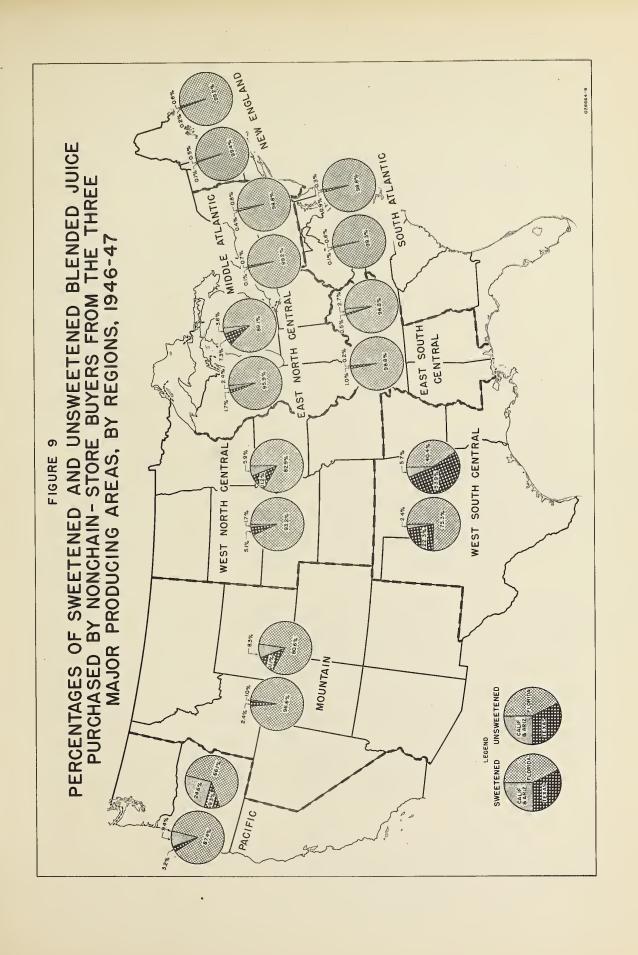




Table 17.- Percentages of sweetened and unsweetened blended juice purchased by nonchain-store buyers from the three major producing areas by regions, 1946-47

	:			Sweete	ned	1	::	Ur	sweeter	e	d
Region	; F	lorida	a:	Texas	: (California Arizona	-::. :::	Florida	Texas	: (California- Arizona
	:P	ercent	<u>t</u> :	Percen	t:	Percent		Percent:	Percent	:	Percent
	:		:		:		::			:	
New England	:	99.4	•	0.1	:	0.5	::	99.2	0.2	:	0.6
Middle Atlantic	:	99.2	:	0.1	:	0.7	::	98.8	0.4	:	0.8
E. North Central	\$	95.9	:	1.7	:	2.4	::	89.1	7.3	:	3.6
W. North Central	:	93.2	:	5.1	:	1.7	::	82.9	11.2	:	5.9
South Atlantic	:	99.3	:	0.1	•	0.6	::	98.8	0.9	:	0.3
E. South Central	*	98.8	:	1.0	:	0.2	::	96.8	0.5	:	2.7
W. South Central	:	75.3	:	22.3	:	2.4	::	40.4	53.9	:	5.7
Mountain	:	96.6	:	2.4	;	1.0	::	80.6	11.1	:	8.3
Pacific	:	87.4	:	3.2	:	9.4	::	66.1	9.3	:	24.6
	:		:		:		::			:	
Total	:	95.3	:	2.6	:	2.1	::	85.0	8.1	:	6.9

On a regional basis, nonchain-store buyers in all regions bought more than 90 percent of their sweetened juice from Florida, with the exception of those in the West South Central and Pacific regions, as indicated by the left-hand circles in figure 9. In the West South Central region, only about three-fourths came from Florida, while more than 22 percent came from Texas, and the balance from California-Arizona. In the Pacific region nonchain-store buyers purchased slightly over 87 percent from Florida, over 3 percent from Texas, and more than 9 percent from California-Arizona.

Of the unsweetened blended juice purchased by nonchain-store buyers in the New England, Middle Atlantic, South Atlantic, and East South Central regions 97 percent or more came from Florida, as shown in the right-hand circles, figure 9. From this same source, 80 percent or more was purchased by buyers in the East North Central, West North Central, and Mountain areas. Texas, however, was the major source of supply for these buyers in the West South Central region, with about 54 percent of their purchases being made in that State. California-Arizona supplied an additional 6 percent. In the Pacific region nonchain-store buyers obtained slightly less than two-thirds of their purchases of unsweetened blended juice from Florida; a fourth of their purchases came from California-Arizona; and over 9 percent from Texas.

Purchases of Other Canned Citrus Juices

The following discussion deals with wholesale buyers' purchases of tangerine, lemon, and lime juices and canned citrus concentrates.

Tangerine Juice

The total quantity of tangerine juice, sweetened and unsweetened, purchased by buyers reporting in this study amounted to approximately 664,000 cases as shown in table 18. 3/

On a regional basis, about 47 percent, or very close to half of the total purchases reported, was distributed to warehouses in the Middle Atlantic region. The next important area, East North Central, took a little over a third as much--17 percent. Inasmuch as tangerine juice is produced by only a few firms, the regional distribution does not appear particularly significant.

Lemon and Lime Juices

Purchases of about 319,000 cases of lemon juice were reported, as shown in table 19. All of this juice came from California-Arizona, with the exception of a little over 2 percent which was purchased in Texas. Chain-store buyers took about 63 percent of all purchases reported. Purchases of lime juice amounted to about 33,000 cases (table 19). Chain-store buyers purchased 57 percent of the total for all areas.

About 31 percent of the combined purchases of lemon and lime juices made by all types of buyers was distributed to warehouses in the Middle Atlantic region. Slightly over a fifth went to warehouses in the East North Central region. No real significance can be attached to the regional distribution indicated because of the small quantity involved in the sample.

Canned Citrus Concentrate or Base

In response to question 8, "Do you purchase citrus juice concentrates?".
83 buyers reported that they purchased one or more kinds of canned citrus concentrate. Of these, 19 did not indicate the States from which they purchased their supplies nor the quantities they bought. Of the remaining 64 nine were chain-store buyers.

100 B

The California-Arizona area supplied 42 buyers with one or more kinds of canned concentrates. The source of concentrate supply for 22 other buyers was Florida. Texas appeared to be less important as a source of concentrate, as only two buyers indicated purchases from that source.

^{3/} Only the tangerine juice purchases reported from Florida are included in this analysis. About 1.6 percent of the total reported was purchased in California-Arizona and Texas.

^{4/} Two of these buyers reported purchases of canned concentrate from more than one source.

Table 18.- Purchases of tangerine juice made by chain-store and nonchain-store buyers by regions, 1946-47

(Hundreds of actual cases)

127 100.0 140 64.2 78 35.8 218 100.0 345 5.2 1831 100.0 1183 91.4 112 8.6 1295 100.0 3126 47.1 386 100.0 482 67.5 232 32.5 714 100.0 1100 16.6 62 100.0 99 71.7 39 28.3 138 100.0 200 3.0 62 310 100.0 257 82.6 54 17.4 311 100.0 226 3.4 90 100.0 135 67.1 20 12.9 155 100.0 245 3.7 179 100.0 55 51.4 52 48.6 107 100.0 286 4.3 163 100.0 2641 76.5 812 23.5 3453 100.0 6635 100.0	Chain-store : Total :	10 2	Chain-store: Unsweetened d: Cases purchase	Chain-store Unsweetened : ases purchased:(umber:Percent:)	Total Cases purc	al: rchases: Percont:	Sweetened Cases purcha Number: Perc	ened:	Monchain-store: Unsweetened: Cases purchased: Number: Percent	n-store tened: rchased:	Total Cases purc	al: rchased: Percent:	Total all types Cases pur	tal 111 pes purchased
100.0 1183 91.4 112 8.6 1295 100.0 3126 4 100.0 482 67.5 232 32.5 714 100.0 1100 1 100.0 99 71.7 39 28.3 138 100.0 200 100.0 257 82.6 54 17.4 311 100.0 621 100.0 135 67.1 20 12.9 105 245 100.0 55 51.4 52 48.6 107 100.0 286 100.0 2641 76.5 812 23.5 3453 100.0 6635 10	: 86 : 36 : 7 : 7 : 10	36 : 28.3	28.3		: 721	100.00	1.047	: 64.2	78 :	35.8	218:	100.0	345	5.2
100.0 482 67.5 232 32.5 714 100.0 1100 16.6 100.0 99 71.7 39 28.3 138 100.0 200 3.0 100.0 257 82.6 54 17.4 311 100.0 621 9.4 100.0 111 57.8 81 42.2 192 100.0 226 3.4 100.0 135 67.1 20 12.9 155 100.0 245 3.4 100.0 55 51.4 52 48.6 107 100.0 486 7.3 100.0 2641 76.5 812 23.5 3453 100.0 6635 100.0	91.9: 149:	149	8.1		1831	100.00	1183	91.4:	112 :	8.6	1295 :	100.0	3126	47.1
100.0 99 71.7 39 28.3 138 100.0 200 3.0 100.0 257 82.6 54 17.4 311 100.0 621 9.4 100.0 111 57.8 81 42.2 192 100.0 226 3.4 100.0 135 67.1 20 12.9 155 100.0 245 3.7 100.0 55 51.4 52 48.6 107 100.0 286 4.3 100.0 2641 76.5 812 23.5 3453 100.0 6635 100.0	275 : 71.2 : 111 : 28.8 :	111	28,8		386	100.0	1482	67.5	232	32.5	714	100.0	1100	16.6
100.0 257 82.6 54 17.4 311 100.0 621 100.0 111 57.8 81 42.2 192 100.0 226 100.0 135 67.1 20 12.9 155 100.0 245 100.0 55 51.4 52 48.6 107 100.0 286 100.0 2641 76.5 812 23.5 3453 100.0 6635 10	33 : 53,2 : 29 : 46,8 :	29 :	. 8.94		62 :	100.0	: 66	71.7	36	28.3	138	100.0	200	- 21 0. 0.
100.0 111 57.8 81 42.2 192 100.0 226 100.0 135 57.1 20 12.9 155 100.0 245 100.0 55 51.4 52 48.6 107 100.0 286 100.0 179 55.4 144 44.6 323 100.0 486 100.0 2641 76.5 812 23.5 3453 100.0 6635 10	272 : 87.7 : 38 : 12.3 :	38	12.3		310	100.00:	257 :	82.6:	54 :	17.4:	311 :	100.0	621	1 4.6
100.0 135 67.1 20 12.9 155 100.0 245 100.0 55 51.4 52 48.6 107 100.0 286 100.0 179 55.4 144 44.6 323 100.0 486 100.0 2641 76.5 812 23.5 3453 100.0 6635 10	33 : 97.1 : 1 : 2.9 :		2.9		34	100,001	111	57.8	 	42.2:	192	100.0	226	3.4
100.0 55 51.4 52 48.6 107 100.0 286 100.0 179 55.4 144 44.6 323 100.0 486 100.0 2641 76.5 812 23.5 3453 100.0 6635 10	75 : 83.3 : 15 : 16.7 :	15:	16,7		e R	100.0	135	67.1		12.9:	155	100.0	245	3.7
100.0 179 55.4 144 44.6 323 100.0 486 100.0 2641 76.5 812 23.5 3453 100.0 6635 10	176: 98.3: 3: 1.7:		1.7		179	100.0	55 :	51.4:	52 :	: 9°87	107	100.0	286	4.3
100.0 2641 76.5 812 23.5 3453 100.0 6635	143 87.7 20 12.3	50	12.3		163	10000	179	55.4:	144:	: 9"41	323	100.0	984	7.3
	2780 87.4 402 12.6	402 12.6	•••••	1	3182	100.0	2641	76.5	812	23.5	3453	100.0	6635	100.0

Table 19.- Purchases of lemon and lime juices made by chain-store and nonchain-store buyers by regions, 1946-47

(Actual cases)

		-	1 5 - 3 /				70			
	Chain	Chain-store : No	Ice 1/ Nonchain_store	-store	Chairetore	Lime Juice 2	Tce 2/	Z/	Total	1
Region	Cases pr	Cases purchased	Cases pr	Cases purchased:	Cases p	Cases purchased	Cases p	Cases parchased:	Cases purchased	rchased
	: Number :	Number : Percent : Number		: Pergent :	Mumber:	Mumber : Percent	Mamber:	: Percent :	Mumber:	Percent
New England	48,942	87.5	6,975	12.5	: 09#	13.6	2,920	4*98	59,297	16.9
Middle Atlantic	71,847	72.6	27,056	27.4	3,239	37.6	5,369	62,4	107,511	30.6
E. North Central .	34,031	54.6	28,261	45.4	13,482	85.4	2,297	14.6	78,071	22.2
W. North Central	064,6	45.0	7,922	55.0	1,044	62.5	626	37.5	16,082	9.4
South Atlentic	13,194	85.5	2,240	14,5		4.1	812	95.9	16,281	9.4
E. South Central	850	36.2	1,500	63.8	077	9.47	825 :	95.4	3,215	6.0
W.South Central	1,869	18.5	8,250	81.5	451	39.8	682	60.2	11,252	3.2
Mountain	7,016	4.09	4,602	39.6	1	l -	118	100.0	11,736	3,3
Pacific	15,154	31.7	32,611	68.3	, ,	ı	375	100.0	48,140	13.7
U. S. total	199,393 62.5	62.5	714,911	37.5	18,751	57.2	14,024	42.8	351,585.	100.0

Unsweetened - 98.2 percent, sweetened - 1.8 percent. Unsweetened - 92.3 percent, sweetened - 7.7 percent. निय

Frozen Citrus Concentrate and Single-Strength Juice

Only small purchases of frozen citrus concentrate and single-strength juice were reported. This may have been due principally to the lack of supplies. Frozen concentrates have been much better received than these purchases indicate.

Frozen Concentrate

Only four buyers indicated that they were purchasing frozen citrus concentrate. Two of these were purchasing frozen orange concentrate from Florida, while the other two were purchasing from the California-Arizona area--one frozen orange, and the other frozen grapefruit concentrate.

Frozen Single Strength Citrus Juices

Of the 21 buyers replying affirmatively to question 9, "Do you purchase any frozen single strength citrus juices?", six were chain-store buyers and 15 were nonchain-store buyers. On a percentage basis, this represented about 1 percent of all buyers included in the survey. Of the buyers replying who indicated source, 8 were purchasing their supplies from California and 4 from Florida.

Reasons for Purchasing

An exploratory analysis was made of the reasons given by wholesale buyers for purchasing their citrus juices from the producing areas indicated. The number of buyers replying to this part of the questionnaire was small. Less than half of the chain-store buyers and slightly over half of the nonchain-store buyers indicated their reasons for purchasing canned citrus juice supplies where they did. The sample was further limited when an attempt was made to allocate the reasons stated to a specific kind or type of juice purchased by both chain-store and nonchain-store buyers located in selected markets. No detailed analysis of the reasons given, therefore, will be included in this report.

The reasons generally indicated both by chain-store and nonchain-store buyers for purchasing from the sources indicated included: (1) quality, (2) price, (3) brand, (4) availability, including accessibility to market and water transportation, (5) consumer demand, (6) broker representation, and (7) favorable freight rates. The order in which these reasons are listed here is not intended to indicate their relative importance.

Brand Analysis

Question 4 on the citrus juice questionnaire was an optional one, which stated that the names of the three principal brands purchased by buyers in 1946-47 would be appreciated if they could be readily supplied. Information developed from the replies to this question is confidential. Packers of the brands receiving the greatest number of mentions will be advised of their standing and further information furnished, if requested, but only on their own brands.

Appendix

The following appendix tables show the number of cases of each kind and type of citrus juice, in hundreds of cases, delivered to warehouses of the buyers replying in each State and geographic region. The purchases from Florida and California-Arizona for two geographic regions and for each of the States in these two regions are shown in the top half of each page. In the lower half, the number of cases purchased from Texas and the total number of cases purchased from the three major producing areas combined are given for the same two geographic regions and their component States.

Table 1.- Grapefruit juice purchases from producing areas, according to locations of chain-store warehouses, 1946-47

(Hundreds of actual cases)

											1					
	: Swee	Sweetened:	Опѕиее	:Unsweetened :Unclassified 1/:	nclassi	Ged 1/:	Total	••	Sweetened		: Unsweetened		: Unclassified 1	ified 1/:	Total	}
State and	. Num-	Num-: Per- :	Num-: Per-	••	Num- :	Per- :	Num-:	Per- ::	Num-:	Per- :	Num-:	Per- :	Num-	Por- :	Num-: Per	1.7
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	: cases	cases: areas: cases:		areas: cases	ases:	areas: cases:	- 1	areas::cases:	ases:	areas: cases:		areas:	cases:	areas:	cases: areas	eas
	••			Florida	da			• •			Cal 11	California-Arizona	Arizona			
New England	: 1838:	: 100.0:	: 1787:	87.6:	1684:	100.0:	5309:	95.5::		,1		1	••	1	1	_
Maine	: 210:	: 100.0:	175:	:9.46	341:	100.0:	726:	98°6::	· 1	1		1	1		::	
New Hampshire	: 53:	: 100.0:		100.0:	1	1	:26	100.001	1	1	1	1	1	1		
Vermont	1	1	1	 		1		::		1	1	1	1	1		
Massachusetts	: 870:	•	953:	83.2:	761:	100,01	2584:	93.1::		1	1	i.	1	1		
Rhode Island	: 126:			24.9:	305:	100.0:	630:	95°6::		1	1.	1	1	1	·. •	;
Connecticut	: 529:	: 100.0:	:994	100°0:	277:	100.0:	1272:	100.001		1	1	1		1		25
	•3	••	••	••	••	••	••	••	••	••	••	••	••	••	••	-
Middle Atlantic	: 2880:		. 3972:		6763:	100.0:13615	13615:	: 9.92		1	.45:	0.5:	1	1	45:	0.2
New York	: 614:		. 1759:		4190:	100.01	6863:	82.7::		ï	ထံ	0.3:	1	1	••	0.1
New Jersey	: 65:	: 95.7:	: 1094:		1525:	100.0:	2686:	::0°62		1	1	• ?	1	1		. 1
Pennsylvania	: 1899:		1119:		1048:	100.0:	1066:	::6.99	•	1	37:	1.2:	1	1	37: (9.0
	•5			Texas	w)			••.			To	Total - A	11 Areas	Ø		
New England	1	1	252:	12.4:		1	252:	455::	1838:	100.01	2039:	100:0:	1684:	100.03	5561:100.0	0.0
Maine	1	1	10:	5.4:	1	1	10:	1.4::	210:	100.01	185:	100,01	341:	100.0:	736:100.0	0.0
New Hampshire	1	1	1	1	1	1	1	::	53:	100.0:	:44:	100.0:	1	1	97:100.0	0.0
Vermont	:	1	1	1	1	1		::		1	••	1	1	1		,
Massachusetts	ı 	1	192:	16.8:	1		192:	6.9	870;	100.01	1145:	100,001	761:	100.01	27.76:100.0	0.0
Rhode Island	1	1	50:	25,1:	1	1	50	7.4x:	126:	100°0:	199:	100.0:	305:	100.01	680:100.0	0.0
Connecticut	1	1	1					::	529:	100.01	1466:	100.01	277:	100.01	1272:100.0	0.0
	••	••	••	••	••	••	•••	::	••	••	••	••	••	••	••	
Middle Atlantic	: 26:	:6.0 :	.0604	50.5:	1	1	4116:	23.2:	2906:	100.001	8107:	100.0:	6263:		100.0:17776:100.0	0.0
New York	: 11:			:4.4:			1454:	17.2::	925:	100.01	3180:	100.0:	4190:	100.0:	8295:100.0	0.0
Mew Jersey	<u>ن</u> ن			39°4:	1		714:	21.0:12	20:	100.0:	1805:	100.0:	1525:	100.01	3400:100.0	0,0
Pennsylvania	: 12			63.0:			1978:	32.5::	1911:	100.0:	3122:	100.0:	1048:	100.0	6081:100.0	0.0

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	••			Florida	da			••			Cal	California	-Arizona	ಥ	
E. North Central	: 3243:	87.5:	1634:	22.4:	1713:	100,00:	6590:	51.9:	Ä	2/ :	5:	0.1	1		6: 2/
Ohio	: 1362:	93.6:	471:	41.3:	:299	100.03	2500:	76.7::	ä	0.1	.2:	0.2:	1	1	3: 0.1
Indiana	503:	67.2:	78:	22.7:	62:	100.0:	643:	55.7::		· • • · • •	- 4	1	. •• 1	di di) d
Illinois	: 597:	93.7:	376:	6.6	451:	100.01	1424:	29.2:	. •• I	·· I	3.	O.l:	4	1	31 0.1
Wichigan	: 619:	89.3:	571:	40.5:	; <u>8</u> ;	100.0:	1238:	57.6::	1	1	, 1		1	1)
Wisconsin	: 162:	92.6:	138:	23.3:	485:	100.0:	785:	62.6::		.1	1		1	1	1
W. North Central	979	73,3:	474:	20.2:	200:	100.0:	1322:	38. 5			•	10	- A - I	1	/6
Minnesota		100,001	338:	84.5:			346:	84,8				î 1	· · · · ·	. 1	में । ।
Iowa	:617	79.0:	16:	4,1:	34:	100.0:	66	20:5:		1	1	:	1	1	1
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Kansas	:96	52.5:	3,	3.1:	1	!	101:	29.2::	1			i	1	1	1 ••.
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E.North Central	: 494:		5638:	77.5:	1	1	6102:	48.1::	3708:	100.01	7277:	100.0:	1713:	100.0:	100,0:12698:100.0
Obito	: 92:	6.3:	:999	58.5:	1		758:	23.2::	1455:	100.01	1139:	100.01	:299	100.0:	3261:100.0
	: 245:	32.8:	266:	77.3:	1	, 1	511:	4.3::	248:	100.0:	344:	100°0:	62:	100.0:	1154:100.0
Illinois	:07 ::	6.3:	3413:	90.03	1	1	3453:	70.7::	637:	100,001	3792:	100.0:	451:	100.0:	4880:100.0
Michigan	: 24:	10.7:	838:	59.5:	1	1	912:	45.4::	693:	100.0:	1409:	100.0:	1 8;	100.001	2150:100.0
Wisconsin	:: :::	7.4:	455:	76.7:	1	1	1468:	37.4::	175:	100.0:	593:	100.0:	485:	100.0:	1253:100.0
W. North Central	: 236:	26.7:	1874:	79.8:	 . l	1	2110:	61.5:	:488	100.001	2349:	100.001	200:	100°01	3433:100.0
Minnesota	1.	1	62:	15.5:	1		62:	15.2::	ಪ	100.01	1400:	100.0:	1	1	408:100.0
Iowa ·	: 13:	21.0:	370:	95.9:	1	1	383:	79.5::	62:	100.0:	386:	100.0:	34:	100.01	482:100.0
Missouri	: 136:		1014:	30.4:	1	1	1150:	59.9::	631:	100.01	1122:	:100°01	166:	100.0:	1919:100.0
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South Dakota	i	i	1	1	10 1	1		::	i	1		1	1	1	1
Mebraska	1	1	270:	100.0:		1	270:	100.001	1	1	270:	100.0:	1	1	270:100.0
Kansas	: 87:	87: 47.5:	158:	96.93	1	1	245:	70.8::	183:	100.0:	163:	100.01	1	i	.346:100.0

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Dist. of Col. :		:	442:	99:3:	1		442:	99.3::		1	1	ł	ı 		. 1 	
Virginia	239:	95.2:	146:		100		485:	97.6::		1	1	ı	ı 	1		
West Virginia	159:	9	38		9		. 278:	95,5::	1	1	1	ŧ	1	1	 	
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Tennessee	270:	84.1:	106:	96.4:	'		376:	87.2:		1	1					7
Alabama :	800	52,6:		100.0:		: 100.0:	313:	81,3::	'n	1	1	1	1	1		
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South Atlantic :	32:	1,8;	50:	1.5:	1		52:	1,2::	1821:	100.0:	1354:	100,00:	: 1178:	1000.03	4353:100°C	_
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E. South Central	140:	20.0:	160:	50°5:	1		300:	23.5::	701:	100.0:	319:	100.0	: 259	: 100.0:	1279:100.0	
Kentucky	16:	7.0:	156:	81.7:	1	-	172:	37.2::	227:	100.01	191:	100.0	: 1717	: 100.0:	462:100.0	_
Tennessee		15.9:	::	3.6:	1		55:	12.8::	321:	100.0:	110:	100.0	1		431:100.0	_
Alabama	72:	47.4:	1	ı	1	1	72:	18,7::	152:	100.001	18:	100.0	: 215	100.03	385:100.0	<u> </u>
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(Hundreds of actual cases)

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Mountain	124: 32.3:	142:	2.7:		1	166:	8.6::	24:	14,1:	242:	15.5:			296: 15.2
Montana		32:	53.3:		1	:99	144.9::		1		1			••
Idaho		1	1	1	1		::	4	1		1	1	1	
Wyoming		1			1		::	1	1			1		
Colorado	: 31: 27.7:	1			1	31:	2,6::	15:	13.4:	1			1	15: 1.3
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W. South Central	: 163: 65.7:	v. 1	99.3:	1	••	3333:	93.9::	248:	100.0:	3193:	100.01	109:	100.01	3550:100.0
Arkansas	: 7: 7.6:			1	1	134:	57.8::	92:	100.01	140:	100.01			232:100.0
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Texas	: 156:100.0:	2000:	100.0	1	1	2156:	99.3::	156:	100.0:	2000:	100.0:	16:	100.03	2172:100.0
Mountain	: 206: 53.6:	1276	81.8:	1	1	1482:	76.2::	384:	100.00:	1560:	100.001			1944: 100.0
Montana	: 53: 60.9:	: 28:	46.7:	1	1	81:	55,1::	87:	100.01	:09	100.01	1	1	147:100.0
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Colorado	: 66: 58.9:	1093:	100.0:	1	1	1159:	96.2::	112:	100.0:	1093:	100.01	1		1205:100.0
New Mexico	1	1		1	1	1	::	1	1	1			1	1 1
Arizona		7:	14.6:	1	1	3:	4.5::	-:	100.0:	154:	100.01			155:100.0
Utan	: 87: 47.3:	148:	58.5:		1	235:	53.8::	184:	100.0:	253:	100.0:	1	1	437:100.0
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	: 88	18,3:	:66	12.6:	62:	100.0:	546:	18,8::	32:	9.9	30:	3.8	1	1	62;	4.6
	: 126:	38,7:	:8 1	11,3:		• • • • • • • • • • • • • • • • • • •	224:	25.5:	:8 1	10.5:	32:	7.5:	1	1	: 80 :	9.1
	: 342:	40.8:	196:	6.8:	22:	100,001	565:	15.0::	329:	38.6:	2080:	71.7:		-,	5409:	63.8
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	:11229:	82.5: 9768:	8926	32.2:	11990:	32.2: 11990: 100.0:33537:	33537:	59.3::	:494	3.2:	2435:	8.0:	:. =1		2899:	5.1
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	: 268:	42.9: 1625:	1625:	39.5:		1	2393:	40.0:	1788:	100.01	4110: 100.0:	100.01	:48	84: 100.0:	5982:100.	0.00
	: 362:	75.1:	655:	83.6:		1	1017:	76.6::	4828	100.03	. :48%	784: 100.0:	62:	62: 100.0:	1328:100.0	0.00
	: 231:	50.8:	34:	81,2:			575:	65.4::	455:	100.01	:424:	100,001	1.	1	879:100.0	0.00
	: 175:	20.6:	.626:	21.5:		1	801:	21.2::	851:	100.001	2902:	100°01	22:	100.001	22: 100.0: 3775:100.0	0.00.
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^{1/} Data not supplied by type on warehouse basis. 2/ Less than .05 percent.

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783:

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4.7:

Massachusetts

Rhode Island

Connecticut

6448:100.0

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4298:100.0

535:100.0

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4965: 3544: 452: 969:

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754: 83: 646:

1483:

27.9:: 34.6:: 4.1::

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Middle Atlantic

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100.01

18.2::

29.1:

20:

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4:

Pennsylvania

New Jersey New York

Table 2.- Grapefruit juice purchases from producing areas, according to locations of nonchain-store warehouses, 1946-47

Streetened Unsweetened Total Sweetened Unsweetened	
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(Hundreds of actual cases) Sveetened Unsveetened Total Sweetened Unsveetened Unsveeten	••
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State and region W England Maine Wew Hampshire Vermont Massachusetts Rhode Island Connecticut ddle Atlantic New York New York New Jersey Pennsylvania Waine New Hampshire	Vermont
State and region Mew England Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut Middle Atlantic New York New York New Jersey Pennsylvania New England Maine New Hampshire	Vel

Table 2 (Cont'd)					Hundreds of	of actual						
4.6	Sweetened	: paue	Unsweetened	ened:	To tal	::	Sweetened	: peu	Unsweetened	: paue	Total	
	Num-	Per- :	Num- :	Per- :	Mum-	Per- ::	Num- :	Per- :	Hum-	Per- :	Mun-	Per-
o care and	per:		-ber :	cent:	ber:	cent ::	ber:	cent:	ber:	cent:	ber	cent
region:	of:	of all:	of.	of all:	o: jo	of all::	of :	of all:	of:	of all:	of to	of all
	cases:	areas:	cases.	areas:	cases:	areas::	cases :	areas:	cases:	areas:	cases:	aroas
••			Florida	de		::		Cal	California-	Arizona		
E. North Central :	1581:	90,1:	2295:	36.1:	3876:	47.8::	16:	0.9:	210:	3,3;	226:	2.8
opio:	261:	91.6:	392:	48.2:	653:	59,4::	1	1	3	:9*0	34	5.0
Indiana	503	92.5:	184:	38.8:	687:	67.5::	4:	0.7:	50:	4.2:	243	2.4
Illinois:	303:	83.2:	586:	25,1:	:688	32,9::	.	2.2:	103:	4,4;	111:	4.1
Michigan:	453:	:9.26	:696	46.2:	1422:	55.5::	1:	0.23	30:	3.8:	81:	3.5
Wisconsin	61:	65.9:	164:	26.1:	225:	31.0::	Ë	3.1:	5:	0°3:	ŝ	2.0
If Morth Control	305	34,0:	Bolt:	16.0:	1196:	73	v		87:	1,6:	000	17.1
	-07	2/1/2	1130.	27 2.	1120.	0 00	50	า้น วิน		ic	iċ	. á
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South Dakota :	36:	69,2:	:68	53.9:	125:	57.6::		1	; -	0.6:	ä	0.5
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Kansas :	32:	19.4:	22:	3,6	7:	6.9::		1	.,		1	. 1
			Texas			**			Total - All	1 Areas	·	
E. North Central:	157:	:0°6	3846:	60.6:	4003:	::4.64	1754:	100,00:	6351:	100,001	8105:100	0.00
Ohio:	24:	8,4:	417:	51,2:	447:	40,1::	285:	100.01	814:	100,01	1099:100.	0.00.
indiana:	37:	6.8:	270:	57.0:	302:	30.1:	544:	100.0:	14/4	100.0:	1018:1	100,0
: siouillI	EZ.	14.6:	1646:	70,5	1702:	63.0::	364:	100.0:	2338:	100.0:	2702:1	100.0
Michigan :	10:	2.2:	1048:	50.03	1058:	41,3:3	:494	100:03	2097:	100.00	2561:1	100.0
Wisconsin	33:	34.0:	462:	73.6:	:564	68,3::	:26	100.0:	628:	100.0:	725:100。	0°00.
W. Worth Central:	582:	65.5:	4589:	82,4:	5171:	80.1	:688	100.0	5570:	100.0:	6459:100.0	0.00
Minnesota	11:	20.4:	720:	62.3:	731:	60.4::	54:	100,00:	1156:	100,00	1210:100	0°00
Iowa :	129:	57.3:	1696:	91.0:	1825:	87.4::	225:	100.0:	1863:	100.0:	2088:100.	0.00
Missouri	284:	85.5:	851:	89.4:	1135;	88,4::	332:	100,01	952:	100.0:	1284:100.	0.00
North Dakota:	1		224:	29.4:	224:	79.1::	;;	100.0:	282;	100.0:	285:100	0,00
South Dakota :	16:	30.8:	75:	45.5:	91:	41.9::	55:	100.0:	165:	100.0:	217:1	100.0
Nebraska:	6	15.0:	427:	79,9:	436:	73,4::	:09	100,0:	534:	100,01		100.0
Kansas :	133:	:9"08	:965	36.4;	729:	93.1::	165:	100.0:	618:	100.0:	783:1	100.0
The state of the s												,

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Table 2 (Cont'd)				H)	Hundreds	of actual	d ceses	~				
••	Sweetened	: pouc	Unsweetened	: peueq	Total	:: T	Sweetened	: peu	Unsweetened	ened:	Total	
·· · · · · · · · · · · · · · · · · · ·	Num-:	Per- :	Num- :	Per- :		Per- ::	Num- :	Per-:	Num- :	Per- :	Num- : Per-	
roafon	per:	cent:	per:	cent:	si.	• • •	ber:	cent:	H	••		
	.: Jo	of all:	of:	of all:	o: jo	of all::	of.	of all:	o: Jo	of all:	of : of all	~
• 4	cases:	areas:	cases:	areas:	cases; areas	reas ::	cases:	areas:	cases:	areas : c	cases : areas	
••			Florida	ida		••		Ca	Lifornia	California-Arizona		
South Atlantic :	2127:	98.8:	1311;	92,3:	3438:	96.2::	1	0,2:	15:	1,0:	19; 0.5	
Delaware :	9	100,001	:07	100,0:	<u>\$</u>	100,001	1		. 4			
Maryland:	63:	:0.46	31:	55.3:	:46	76.4::	1	1.	ထၱ	14,3:	8: 6.5	
Dist. of Col. :	ä	100.0:	(3)	80.8:	:99	81.5::	1		1	1		
Virginia:	263:	. 93.6:	180:	94.7:	443:	::0.46	:4:	1.4:	:2:	1,1:	6: 1.3	
West Virginia:	173:	100.0:	136:	97.9:	309:	::0.66	1	1	Ä	0.7:	1: 0.3	
North Carolina:	547:	100.0:	100:	95.2:	: 249	99,2:	1	ť	1			
South Carolina:	336:	98.8:	55:	71.4:	391:	93.8::	1	1				
Georgia :	:464	100.01	273:	91.3:	767:	36.7:	1	1		i.		
Florida:	242:	100.0:	433:	99,3:	675:	:: 7°66	1	1	: -	.6.0	4: 0.6	
E. South Central	931:	88.7:	461:	42.2	1392:	65.0		0,3	~	0,0	7.00.7	
70.00	000		5	ç	2000		,		· ·	3	2 . ` ·	
Mentucky :	200	, C	2,5	500 11.11.	000	200	1	1				
· Passellier	25.0	ο α ο α	646	シップ マップ マップ マップ	0000	0 0 0 0			. , I			
Mississinni	770	77. C.	, , , , , , , , , , , , , , , , , , ,	37.00	. 20° E	2000			· ċ	· ¿	α ! - 	
· rddragragin	02.		O	27.7.	177	40.6.	'n	0.0		, L, C.	7. 1.0	
			XO.T.			• •		01	cal - Al	1 Areas		
South Atlantic :	22:	1.0:	95:	6.7:	117:	3.3::	2153:	100.0:	1451:	100.0:	3574:100,0	
Delaware	1	·· ;	1				٥	100.0:	?; ?;	100,0:	46:100.0	
Maryland	; ;	:0.0	: /.T	30.4:	21:	17.1::	:29	100.0:	56:	100°0;	123:100.0	
Dist. of Col. :	ा <u>।</u> व े	•	1,50	19.2:	15:	18,5::	ښ	100.0:	78:	100.0:	81:100.0	
Virginia	:4:	5.0:	ö	: : : : :	22:	4.7::	281:	T00.0:	190:	100.0:	471:100.0	
West Virginia	1	1	N.	1°7	23	0.7:	173:	100.03	136:	100.00	312:100.0	
North Carolina:	. :		بہز	± 0000		0	545°	100.00	105	100.00	652:100.0	
South Carolina:	· ·	T. 7.	222	000	0,0	2,0	0.20	100.05	:	1000		
Georgia	i.	ì	9		:07	7.7	15.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	100.00	, 2007	100.00	0.001.067	
BOLIOTA	1	1	i,	1	1		247	:0.00T	5	100.00		
E. South Central :	116:	11.0:	629:	57.6:	745:	34.8:	1050:	100.0:	1092:	100.001	2142:100.0	
Kentucky	11:	5.0:	67:	41.9:	78:	20.6::	218:	100.0:	160:	100.0:	378:100.0	
Tennèssee	68:	14.0:	405:	62.6:	473:	41,8::	1484:	100,00	:249	100.0:	1131:100.0	
Alabama :	22:	8,2:	29:	32,2:	51:	14.2::	268:	100.0:	:06	100.0:	358:100.0	
Mississippi :	15:	. 18.7:	128:	65.7:	143:	52.0::	80:	100.0:	195:	100.0:	275:100.0	
												1

Table 2 (Contad)	and the second s			(Hu	Hundreds of	factual i	cases)					
• •	Sweetened	••	Unswee tened	ened:	Total	:: 1	Sweetened	ed:	Unsweetened	ened.	Total	
** ** ** ** ** ** ** ** ** ** ** ** **	Mum-	••	Hun-:	Per-:	Mum-:	Fer-::	Num- :	Por- :	: -町頃	Per- :	Num- :	Per-
nine enio		٠.	٠.	cent:	ber :	cent ::	ber:	cent:	her:	••	••	cent
in gar	o: Jo	••		of all:	of:	of alls:		of all:	of:	of all:	of . :c	of all
	cases: areas	areas:	casos:	areas:	cases:	areas::	cases:	areas:	:೮೦೮೮೦	areas :	c 2,808	areas
			Florida						ifornia	-Arizona		
W. South Central:	112:	13.9:	134:	3,9:	296:	5,3::	ä	0.1:	21:	0.4;	22:	4,0
Arkensas:	27:	29,3:	9	16,3:	:29	19,8::	1	1.	i	1		,
Louisiana:	54:	16,6:	61:	16,3:	85:	16.4::	1	1	ထံ	2.1:	<u>ಹ</u>	1,5
Oirlahoma:	ထံ	:4.4:	15:	4.9:	23:	7.1::		1	1	1	1	i
Texas	53:	:9°6	: 89	.; 1,8;	121:	2.8::	;;	0,2:	13:	0,3:	14:	0,3
Mountain	193:	42.3:	241:	19.1	434:	25,3:	13:	2.9:	215:	17.1:	228	13,3
Montana :	:44	93.6:	47:	27.9:	85:	43.8::	1	1	1		1	1
Idaho	56:	100.0:	5:	. 5.6:	28:	45.2::	1		2:	5.6:	2:	3.2
Wyoming:	6	30.0:	;; ≰;	19,0:	13:	25.5::	• • • • • • • • • • • • • • • • • • •	ŀ	끔	, 4°, 8;	÷	2.0
Colorado :	35:	14.4:	.: ::	18,5:	11.5:	17,1::		ı	ë	.0°5:	ä	4.0
New Mexico :	<u>ج</u>	45.5:	75:	34.1:	80:	34,6::	1	1	9:	2.7:	9	2.6
Arizona:	<u>58</u> :	းဝွ် [®] ဝွ	24:	11,4;	52:	21,2::	%	20.03	179:	85.3:	186:	75.9
Utah :	:04	74.1:	15:	10.1:	55:	27.1::	2:	3.7:	1	1	2.2	1.0
Nevada :	ö	:0.09		•• t_	9:	11.1::	::	70.0:	54:	54.5:	: 83:	51.9
	,		Texas	E 23		••		Tot	tal - Al	1 Areas		
W. South Central :	:969	86.0:	4533:	95.7:	5229:	94,3::	809	100,0:	4738:	100.001	5547:100.0	0°00
Arkansas	65:	70.7:	206:	83.7:	271:	80.2::	92:	100.0:	546:	100.0:	338;100.	0.00
Louislana	121:	83.4:	306:	81.6:	427:	82.1::	145:	100.0:	375:	100.0:	520:100.	0.00
Oklahoma:	:01	55.6:	293:	95.1:	303:	92°9::	18:	100.0:	308:	100.0:	326:100.0	0.00.
Texas	500:	90.2:	3728:	97.9:	4228:	96.9::	554:	100.0:	3809:	100.0:	4363:100.0	0.00
Mountain	250:	54.8:	803:	63.8:	1053	61.4::	456;	100.0:	1259:	100.0:	1715:100.0	0.00
Montana	ä	6.4:	106:	72,1:	109:	56.2::	:24	100.01	147:	100,001	194:100.0	0.00.
: Idaho :	 . I	r• i	35:	88.8:	32:	51.6::	:92	100.0:	36:	100.0:	62:1	62:100.0
Wyoming:	21:	70.0:	16:	76.2:	37:	72.5::	: 8	100.0:	.: TZ	100.0:	51:1	51:100.0
Colorado :	508:	85.6:	346:	80°8	- 557:	82.5::	243:	100.0:	435:	100.0:	675:100.0	0.00
New Mexico :	;	54.5:	139:	63.2:	145:	62.8::	11:	100.0:	220:	100,0:	231:100.	0.00
Arizona :	1		%	3.3:	::	2.9::	35:	100.0:	210:	100.0:	245:100°C	00°00
Utah :	12:	22,2;	134:	:6*68	146:	71.9::	54:	100.0:	149:	100.0:	203:100.0	0.00.
Nevada :	1	1	50:	45.5:	20:	37.0::	10:	100.0:	:44:	100.0:	54;]	54:100.0

Table 2 (Cont'd)	~			r r	mH)	ndreds o	(Hundreds of actual cases)	(seses)	,			5	
	!	Sweetened	: peu	Unsveetened	: peue	To tal	••	Sweetered	ed :	Unsweetened	ened:	Total	
State and	*"	Num- : Per-	Per-:	Mum-	Per- :	Nam-	Per- ::	Num- :	Per-:	Num- :	Per- :	Mun- : Per-	
region		: per :	cent:	per:	cent	per:	cent ::	her:	cent:	per :	ಂತಿಬರು	ber : cent	
110+90+) : Jo	of all:	of	of all:	of to	of all:	of to	of.all:	of tot	र व्याः	of : of all	
	ວິ :	cases:	areas:	cases;	areas:	: sesso;	:areas :: cases	ases :	areas:	: sesso:	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	touses tareas	
	••			Florida	्राप्तुः :		**		Gal	Galifornia-Arizona	Arisona		
Pacific	••	:948	86.5:	1952:	41,6:	2798:	49.3:	:84	4.9:	14993	37.93	1547: 27.3	
Washington	••	:26	80.8:	302:	41.3:	:404	46,8::	15:	12,5:	φ <u>.</u>	1.1:	23: 2.7	
Oregon	••	137:	65.2:	165:	62, 2:	302:	63.6::	i	1	;	2,3:	6: 1.3	
California	••,	612:	:4°46	1480:	40.13	2092:	48,3::	ä	5,1:	1485:	40.3:	1518: 35.0	
	••	••	••	••.	• 3	••	••	••	••	••	••	••	
U. S. total	••	8187:	80.0:	11563:	37.0:	19750:	::9.24	113:	1.1:	2137:	6.8:	2250: 5.4	
	• . • •			Тежаз			•		Potal	רוא - רפ	Areas		
Pacific	••	:48	8.6:	1244:	26.5:	1328:	23.4::	978:	100.0:	4695;	100.001	5673:100.0	
Washington	••	ä	.2.9	428:	57.6:	436:	50.5::	120:	100.0:	743:	100.01	863:100.0	
Oregon	••	73:	34.8:	:46	35.5:	167:	35.1::	210:	100.0:	265:	100.0:	475:100.0	
California	••	ë,	0.5	722:	19.6:	725:	16.7::	648:	100.0:	3687:	100.0:	4335:100.0	
-	••	. , , , , ,			•• (•	••	••	••	4 6		
U. S. total		1936:	18.9:	17590:	56.2:	19526:	47.0:	10236:	100.0:	31290:	100.0:	41526:100.0	1

Table 3.- Orange juice purchases from producing areas, according to locations of chain-store warehouses, 1946-47 (Hundreds of actual cases)

	Conceptonod		or [eall. bonotooman].	T. Some	[m.a.] n.c.	1/1 mitter	10+00		0.000		1	17. 6.0.00	2 .	- 1		1
	anno.	1	A DOMESTIC	cilea.	TOTOTO III	/= mar	TO re	-	nauanaame		пемент	enea . u	onsweetened : unclassined 1/:		Total	ı
0+0+0	: Mum-:		Num-: Per-	Per- :	Num-	Fer- :	Hun-:	Por- ::	Num-:	Por- : N	Num- :	Per- :]	Mun- : F	Per- :	Mum-: Per	1-L
Serve and	: per :	cent:	ber:	cent:	per:	cent:	ber:	cent ::	per:	cent : b	: per :	cent: 1	ber : c	cent:	ber : cent	nt
TOT SA.	: of:	of :of all:	of :of all:	fall:	of	:of all:	o: jo	:of all::	of:	ofall:	o: jo	of all:	of: jo	of all:	of of all	11
	: cases:	cases: areas: cases:	- 1	areas: cases	**	areas:	: cases:	areas::cases:areas	cases: a	**	cases:	areas; cases	••	reas: c	areas: cases: areas	Sas
	·•			Florida	ida			• n • b			Cali	California-Arizona	Arizona			1
New England	: 4100:	93.8:	952:	86.5:	2511:	100.0:	7563:	94.7::	272:	6.2:	148:	13.5:			420:	ش
Maine	: 461:	93.5:		1	408:	100.0:	869:	93,2::	32:	6.5:	31:	100,001			63: 6	8
New Hampshire	: 115	93.5:			1	1	115:	93.5::	ö	6.5:			1	1	, , , ,	5
Vermont		1			1		 1	::	 F							
Massachusetts	: 1980:	94.2:	886:	92.8:	1182:	100.0:	1048:	95.5::	123:	5.8:	:69	7.2:			192; 4	4,5
Rhode Island	: 385:	93.4:	::	20.03	389:	100.03	781:	93.4::	27:		28:	80.03				6.6
Connecticut	: 1159:	93,4:	59:	74.7:	532:	100.0:	1750:	94,5::	.28	9.9	20:	25.3:		 `ı	102: 5	52
	40	••	••	••	• •	••	••	**	••		••	••	••	••	•.	-
Middle Atlantic	: 4858:	97.3:	:2454	72.3:	10050:	100.0:	100.0:19455:	91.2::	32:	:9:0	1694:	27.0:		1	1726: E	8.1m
New York	: 1865:		2633:	76.4:	6011:	100,0:10509	10509:	92,7::	22:	1,2:	777:	22.6:			799: 7	50.
New Jersey	: 638:	99.7:	1557:	82.8:	1776:	100.0:	3971:	92.4::	5:	0.3:	324:	17.2:			326: 7	, •
Pennsylvania	: 2355:		357:	37,1:	2263:	100.0:	1675:	87.4::	ထၱ	0 3:	593:	61.7:				9.01
	••			Texas	જ્ઞા			••			Total	al - Al	1 Areas			
New England	1	·· 1		•• ••	1	1	:	::	4372;	100.01	1100:	100.0:	2511: 100.0:	100.01	7983:100.0	0,0
Maine	·· 1	1		1	1	i		:; :	493:	100.01	31:	100.01	408:	100.01	932:300.0	0.0
New Hampshire	1	· ·			1	1		1	123:	100,001		 I		 I	123:100.0	0
Vermont	·· 	1	 i		i	ŀ	1	1.	 I							
Massachusetts	1	1	-1	1	1	1	1	:: +	2103:	100.01	955:	100,001	1182:]	100.01	4240:1C0.0	0.0
Rhode Island	·· · ·	1			1	1	1	::	412:	100.01	35:	100.01	389:	100.01	836:100.0	0.
Connecticut	1	1		 I	1	1		::	1241:	100.01	:62	100,001		100,001	1852:100.0	0.
Middle Atlentic	. 104		: 64	". C	•••	•••	160.				.8807					0
O TOTAL OTTAL					•	•	176.	: ,	.022		0200	.0.01		7.0000	ひて・しててて	
New York		·· 1	35:	1.0:	1	1	35:	0.3:	1887:	100 00:	3445	100.01	٠.	_	100,0:11343:100.0	0
Mew Jersey	1			1		1	1	::	640:	100.01	1881:	100.01		100.01	4297:100.0	0,0
Pennsylvania	: 105:	4.3:	12:	1,2:	1	1	117:	2.0::	2468:	100.01	365:	100.01	2263:]	100.01	5693:100.0	O.
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Table 3 (Cont'd)	d)					(Hundreds	of	actual c	cases)						
	: Sweetened		: Unsweetened		Unclass	:Unclassified $1/$? Total	al ::	Sweetened		:Unsweetened		: Unclassified 1	fled 1/:	Total
State and	: Mum-: Per-	Per- :	Num-: Per-	Per- :	Mum-	: Per-	:-Wum:	Per- ::	Num-:	Per- :	-;	Per- :	Mum- :	Per- :	Num-:Per-
region		cent:		cent:	bor	cont	: por :	cent ::	bor	cent:	<u>د</u>	cent:	ន	cent:	Sı
)	: OI : OI STI: OI : OI STI: OI	: or all: or): 10	: or all:	TO TO	o	10	or all:	OI	 -i	0: 010	or all:	of coff. al	·	of of all
				ביבים ביבים	2000		, C. D.	al case.	Capaca	•	בממכמי.	dreas.	Cases	222	cases. areas
	•	:		Florida	100				,		5	California-Arizona	ALIZOI	গ্রা	
E.Morth Central	: 2183:	93.0:		80.6:	4121	: 100°0:	~	89.1:	161:	6.9	1159:	18,1:	 I	1.	1320: 10.2
Ohio	: 1012:	88.7:		80,5:	1064			88,3::	130:	11,3:	298:	18,1:	1	1	428: 11.1
Indiana	: 224:	100.0:	: 267:	89.7:	363		1154:	94.7::	1	1	65:	10,3:	1	•••	
Illinois	: 834:	99.2:		77.1:	1706			89.5::	: 4:	0.5:	434:	20.8		·· i	438: 9.5
Michigan	: 108:	80.08		89.2:	318	• 6		90,5::	: 27:	20.0:	117:	9.6:			
Wisconsin		· I'	576:	70°2:	720	: 100.0	1296:	84,1::	1	, 1	245:	29.8:	ı,	 ,1	245: 15.9
W. Worth Central	340:	98.0:	1468:	87.0:	529	100.0	: 2337:	91.2:	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1.7:	215:	12.7		1	221: 8.6
Minnesota	: 18:	78.3:	V 1	88.9:	1	1	380:	88,4::	3	21.7:	45:	11.1:	1		
Iowa	: 54:	98.2:		:0.09	275	10000:		94.5::	ï	1.8:	15:	30.0:			: 4.
Missouri	: 105:	100.0:	: 366:	87,1:	254	: 100°0:	: 1155:	90.7::	1	ı	118:	12,9:			118: 9.3
North Dakota	 1	1	: 15:	100.01	1		: 15:	100.0::	1	1		1	: !	 1	
South Dakota	 	1	:::::::::::::::::::::::::::::::::::::::	,1 ,1	1			::	1	1		 1	1		1
Mebraska	·· 1	1	: 177:	84,7:	1	1	: 177:	84.7::	1	1	32:		1		32: 15.3
Kansas	: 163:	:4°66	: 88:	9746	1	1 	: 251:	97.7::	1		ņ	2:5		; i	5: 1.9
	••			· Texas	มร			••			Tot	al - All	l Areas	ro I	
E. Worth Central	;; ;;	0.1:	: 81:	1.3:	1	1	: 84:	0.7::	: 2347:	100.0:	6366:	100.0:	4121:	100,001	12917:100.0
Ohio	1	1	: ::	1,4:	1	ı 	: ::	0.6::	: 1147:	100°0:	1650:	100.01	1064:	100.0:	3861:100.0
Indiana	1	1	 I	 I	1	1	1	::	: 224:	100°0:	632:	100.001	363:	100.0:	1219:100.0
Illinois	ё :	0.3:	: 5:	2,1:	1	ı 	: 42:	1.0::	: 841:	100.0%	2081:	100.001	1206:	100.0:	4628:100.0
Michigan	···	1	: 15:	1,2:	1	ı 	: 15:	::6.0	135:	100.0:	1215:	100.0:	318:	100.0:	1663:100.0
Wisconsin	1	1	1	1	1	1	1	1	1	1	821:	100.00:	720:	100°0:	1541:100.0
W. Morth Central		0,3	· \$^	0.3:	1	1		0.2::	347:	100.0:	1688:	100,00	529:	100.001	2564:100.0
Minnesota	1	1	1	1 6	1	1	1	1 6	23:	100.0:		100.0:		;	430:100.0
Masonri	1 1	1 1	٠,	:0.01	1		. 5	L.3:	755	1000		000	275	100°001	360: 100.0
Worth Dakota		1 1	1	• •¢	1 1	ı i		: ::		1	15:	100.0:			15:100.0
South Dakota	1	1	1	1	1.	1	1	1	1	1		 1		1	1
Nebraska Kangas	1	1 0		1	1	1		10	1/91	٠٠ ٥٥٠	209:	100.00	· · ·	1 1	209: 100.0
200	7	2		•			-		101	-00°0		-000			

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	Sweetened		Insweet	Unsweetened : Unclass		1fled 1/:	To tal	···	Sweetened	••	Unsweetened		:Unclassified 1	-	: Total	al
71 6 6 4 7	Mum-:	Per-:	Num-:	Per- :	Num- :	Per-:	Num-:	Per- ::	Mun-:	Per- :	Mum-:	Per-:	Mum-	: Fer-	: Num-	: Fer-
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				Florida	da			**			Cal	California-Ari	a-Ariz	zona		-
South Atlantic	2501:	100.0:	3314:	90.3:	1464:	100.0:	7309:	95.4::	1	!	355:	9.7:	ı		: 355	9°4 :
Delaware :	1	1		1		1	 ł	::	1	1		1	1	1	1	1
Maryland ::	: 467:	100.0:			185:	100,001	652:	84.7::	1	1	118:	100.01	1		: 118	: 15,3
Dist. of Col. :	12:	100.03	849:	92,1:	1	1	861:	92,2::	1	1	33:	7.9%	1		: 73	36
Virginia	328:	100.0:	425:	88.9:	205:	100.0:	958:	94.8::	1	1	53		1		 S.	••
	29:	100.0:		93.1:	103:	100.0:	302:	95.9::	1	1	133	6.9:	1	1	:	• 5
Worth Carolina	299:	100.0:		64.5	:294	100.0:	3955	92.7:	1	1	71:	35.5	1	1.	: 21	
South Carolina	710:	100.00		が な な な な		! 0	200	2000	1	1	02	±, ±, €	1	l 	გ. 	
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571	(/2			30.01		0.001	.020	TOO-00-	1	1	 I	1	1	l .	: :	i ,
E.South Central	633:	98,5:	578:	89.0:	475:	100.0:	1686:	95.4::	. 2.	0.3:	62:	9.5:	1		1:9 ::	
Kentucky	: 25:	100.01	229:	89,5:	144;	100.01	398:	93.6::	1	1	27:	10,5:	1		: 27	
Tennessee	. 91:	91.9:	321:	91.7:		 i	412:	91.8::	1	1	19:	5.4:	1	1	: 19	••
Alabama	517:	:9.66	:: 82	63.6:	331;	100.0:	876:	98.0::	23	:†°0	16:	36.4:	1			2.0
iddississim	f	 I				 1		1	1	1		1	1		1	ر - ا
				Texas	മി			••			S.	Total - A	11 Areas	0		
South Atlantic	1	1		1	1	1		::	2501:	100.0:	3669:	100,0:	1464:	1000.0	: 4992 :	2
Delaware	1	1		•• I	1	1 0	1	::	1.	1	1	1	1			1
Maryland	1	1				1		::	467:	100°0:	118:	100.0:	185	: .100.0		:100.0
Dist. of Col.	1	1	4	1	1	1		::	122	100.0	922:	100,0:	1	1	••	:100.0
Virginia	1	1				1		::	328:	100.0	428:	10000	8			1000.
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Florida	1	1						: ::	2007	100.0	1055:	100.001	270		1590:	100.0
E.South Central	 	1,2:	10€	1.5:	1	1	13:	1.0	643	100.00	650:	100.0:	475	100.0:		100.0
Kentilcky	1				•	•	٠		26.	1000	256:	100	1/1/1	0.001	•	100.0
Tennessee		8,1:	10:	2.9:	 I I		18:	4.0::	18/ 19/	100.001	350:	100.0:	1 1			:100.0
Alabama		1		1	1	1	1	1	519:	100.0:	主	100.0:	331	1000.0	768 :	:10000
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Table 3 (Cont'd)					H)	(Hundreds	of actual	al cases)	(S							
	Sweetened		: Unsweetened		Unclas	:Unclassified1/:	Total	1 .	Sweetened		: Unsweetened	1	: Unclossified 1	fled 1/:	Total	
	Nun-:	Per-:	Num-:	Per- :	Num-	Per-	Num-:	Per- ::	Num-:	Per-:	Num-:	Per-:	Num- :	Per- :	Num-: Per	er-
State and		cent:	د	cent:	ber	cent:	ы	cent ::	ber	cent:	ber:	cent :	ber:	cent:	ber : c	: cent
norsar	. Jo .	:01 211:): Jo	:of all:	of	of all:	o: Jo	:of all::	Jo	:of all:	o: jo	:of all:	of ic	of all:	of ; of	of all
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				Florida	ida			••			Cal i	fornia-	California-Arizona	ctl		
W.South Central	.992	99.2:	757:	63.4:	234	100.0:	~	79.8::	:9	0.8:	195:	16.3:	,•• 1	1	201:	9-1
Arkansas	 . E	1	215:	97.3:	1		215:	97.3:	1		: 9	2,7:	1		9	2.7
Louisiana		,,	134:	66.3:	128	100.0:	262:	79.4::	1		je e Je	;•• ; •	1	, . 1		i.
:Oklahoma	274:	100.0:	150:	:4°49	,	··.	454:	83.6::	1	1	83:	35.6:	1	··· 'i		16,4
Texas	492:	98.8:	258:	.6.24	106	100.00	856:	74.9::		1,2:	106:	19.7:		 ' 1	112:	8,6
Mountain	102:	96.2:	:999	64.8:	ı		768:	67.7::	· ;;	3.8	199:	19.3:	· ···	1	203:	17.9
Montena	:08	100.0:	63:	:0.46	1	1	143:	97.3::	1		:+	6,0:	i	1	4:	2.7
Idaho	1	··, I	 I		ı	1	••	::	1			··.	1	ii T	 1	11
Wyoming		.·• 1	1	1	11	1		::(••	::			1	1	; ·	1
Colorado	.: .:	100.0:	323:	49.2:	ı	1	331:	149.8::	i,	i	170:	25.9:		1,	170:	25.6
New Mexico		1. 1.			1			,X T	;; 1	1,	1		.•• .1	1		. !
Arizona	12:	100.0:	140:	95.9:	i	1	152:	96.2:	1	;; 1	9:	4.1:	77. 1	1		3.8
Utch	5:	33°3:	140:	88°1:	ī		145:	86.1::	: <u>`</u>	66.7:	19:	.11.9:		1	23:	13.9
. Nevada	1	1		4	1					1		1	:: 	 I		3 1
				Te	Texas			••,		6	Total	1 - M1	Areas			8-
W. South Sentral	·· ·		243:	20°3:	ı	·· ·	243:	11.1::	772;	100.0:	1195:	100.001	234:	100.0:	2201:100.0	0000
Arkansas	1	1	i	;; 	J	:	1	::	i		221:	100.01	1	1	221:100.0	0.00
Louisiona	1	1	.89	33.7:	ı	1	68:	20.6::	1	1	202:	100,0:	.128:	100.01	330:1	100.0
Uktahoma	;; 1, ,)	1 1	. 761		1	1) (274:	100.00.	233:	100.00:	٠, ١٥٠	1 0	507:100.0	0.00
274				, , , , , , , , , , , , , , , , , , ,	1			17.7	5 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	· 0 * 0 0 T	.,,,,,	.0001		• 0 001	1.6411	2,00
Mountain	1	1	163:	15.9;	1	1	163:	14,4::	106	100,001	1028:	100.00	1	1	1134:100.0	0.00
Montana		1	<i>::</i>	1	1	1		::	: 8	100.0:	:29	100.01			147:	3
Idaho	1			11	1	1	1	::						 I		1
Wyoming	1			1	ı	1		÷,	1	1	 		1	1		1
Colorado	 1	1	163:	24.9:	1		163:	24.6::	ö	100°0:	656:	100.01			0.001:100	0.00
New Mexico	1		• .		i		ł	::	1	1			 1			1 9
Arizona	1			 I	ı	1	 I	1	12:	100.0:	146;	100.00:			158:100	0,00
Moreal	 F			٠ ا.	1	1	·•. ·	1		T00.00T	159:	:0.001			102.100.0	0.00
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		Per-	cent	of all	areas		25.9	10.6	19.9	35.7	8,7	-39	100.0	910:100.0	296:109.0	1599:100.0		100.0	
3	Total	Num-:Per-	ber : cent	of	areas: cases: areas		726:	:96	59:	571:	5236:		2805:100.		3963		••	100.0:60369:100.0	
	ied 1/:	Per- :	cent:	: of all:	areas:			1		1	1		100,01	100.01	1	100.0:	••	100.01	
	:: Sweetened : Unsweetened : Unclassified 1/:	nm-	••	of :0	cases:	California-Arizona	 Ī					Areas	3/4:	267:	1	:22	••	9808:	
•	un: pe	r I	nt : b	all: 0		rnia-A	35.7:	:4.4	3,3:	.9.9			0.0:	:0.0	100.001	100.01	••	1.1::16664: 100.0:23897: 100.0: 19808:	
) = 	reeten	n-: Pe	cel	jo:	es: ar	Califo	671: 3	7 :96	59: 2	16: 3	1698: 1	Total - All	1830: 100.0:	216: 100.0:	253: 10		••	97: 10	
	: Unsv	.: Nu	: ber	1: of	s: case		••			5: 51	3.2: 469					0: 1411:	**	0:238	
	tened	: Per-	: cent	of al	: are		3.6		1	: 49.5			100.00:	: 100.0:	1: 100.0:	: 100.0:	••	1 100	
ses)	: Swee	: Num-	: ber	: of	: cases		: 55:		1	: 55	. 538:	•••••		: 427:	: 45:	: 111	••	:16664	
(Hundreds of actual cases)		Num-: Per- :: Num-: Per- :: Num-: Per- :: Num- :: Per- ::	cent : ber : cent :: ber : cent : ber : cent : ber	of all: of : of all:: of : of all: of : of all:	areas::cases: areas: cases: areas:		72.9:	85.7:	80.1:	64.3:	90.2		1,2:	3.7:	1		• •.	1, 1,	i
of act	Total	Mum-:	ber:	o: jo			2045:	780:	237:	1028:	: 14433:		34:	34:			••	:002	
dreds	ad 1/:	: Per- :	ent:	all:	areas: cases:		100.01	100.001	.,	100.00	100.0:54433:				••		••		
(Hun	Lassifi						344: 1	267: 1		.77: 1	 		••	••	••	••	••	••	ال در در
	[:Unc]	. : Mu	; ; be	1: of	is: cas	Florida	62.5: 344: 1	3:	: .:	. 4:	77.9: 1980	Texas	1.8:	٠ :8	••		••	2.4: -	ach op
	etenec	: Per-	: cent	of al	: are		: 62	. 39.	. 76.	: 63.		T		.: 15.8:	•		••		rohous
	:Unswe	: Num-	: per	: of	: cases	٠	: 1175	: 86	: 194	: 895	:18616		: 34:	: 34:		1		: 583:	2 00
	ened	Num-: Per- : Num-: Per- : Num-	ber : cent : ber : cent : ber	of all	areas		526: 90.5: 1175:	100.0	10000	50.5	96.1		ŧ	ŧ	ŧ	1		0.7:	hy two
	: Sweetened : Unsweetened : Unclassified 1/:	Num-:	ber:	of :of all: of :of all: of	cases: areas: cases: areas: cases:		526:	427:	<u>5</u>	56:	:16009: 96.1:18616:			1	1		••	117:	הסירה
ont'd)	••	••	••		-	••	••	••	••		•, ••		••	••	••	••	••	••	of conn
Table 3 (Cont'd)	ć	Stote and	מין שיות	1087011			O.	Washing ton	nc	California	total			Vashington	uc	California		total	1/ Tata not summited by two on warehouse basi
Tabl		4	2 5	1			Pacific	Wash	Oregon	Cal 1.	U. S. total		Pacific	Wash:	Oregon	Cali		U. S. total	1/1

1/ Data not supplied by type on warehquse basis.

Table 4 . Orange juice purchases from producing areas, according to locations of nonchain-store warehouses,

			H)	Hundreds	of actual	al cases)						
	Sweetened	ned:	Unsve	Unswectened:	Total		Sweetened	: 5	Unsweetened	tened:	Total	
State and	ं -प्याश	Per- :	Num-	Per- :	Num- :	Per- ::	Num-	Per- :	Num- :	Per- :	Num- : Pe	Per-
region	per :	: ೧೮೮೦	ber:	cent:	per:	cent ::	ber:	cont:	ber:	cent:	ber : ce	cent
	Jo	of all:	of:	of all:	of:	of all::	of:	of all:	of:	of all:	of: 03	of all
	cases:	ลราคลร	cases:	areas:	cases:	areas::	cases:	areas : cases	ases .:	areas:	cases: a	areas
				ida		••		Cali	rornia-	California-Arizona		
ner England	1254:	96°8;	1699:	91,2:	2953:	93.4:	45:	3,2:	163:	8,7:	205: (5.5
Maine	350:	97.5:	128:	87.1:	478:	94.5::	:6	2,5	19:	12.9:	28:	5.5
New Hampshire:	121:		41:	82.0:	162:	94.7:	1		. 6	18.0:	6	, co
Vermont :	141:	100,0:		100.0:	248:	100.01:	1	1			1	
Massachusetts:	567:	94.8:		69°6:	1531:	91,7::	31:	5.2:	106:	6.6	137:	8,2
Rhode Island:	34:			100.0:	:29	97.1::	2:	. 5.6:	1			2.9
Connecticut	41:	100.00:	426:	93.6:	767:	94.2: 3	1		. 29:	6.4:	:62	. 8 .
	• 0	••	••	••	••	••	••		••	••	•	
Middle Atlantic :	4901:		3452:	:9*69	8353:	83,5::	134:	2.7:	1501:	30.3:		16.4
New York	3045:	96.5:	2567:	:6°29	5612:	80:9:	107:	3,4:	1209:	32.0:		9.0
New Jersey	399:		547:	. 78° ?	:979	89.8::	#	1.0:	. 65:	20.7:		9.6
Pennsylvania:	1457:	98.4:	638:	73.8:	2095:	89,3::	ä	1,6:	227:	. 26.2:	250: 10	10.7
	••	••	•• '	••	••	**	••	••	••	• 6	••	
			Texas	a s		••		Total	1 - A11	Areas		
New England	1	1	53	0.1:	22	0.1::	1296:	100.01	1864:	100.00:	3160:100.0	0.0
Maine	1	1	1			::	359:	100.00:	147:	100.03	506:100	. 0.0
New Hampshire:	1	ŀ	1	1	 91	11	121:	100.0:	50:	100.0:	171:100.0	0.0
Vermont	1	1	ı.	1	1	::	141:	100.01	102:	100.0:	248:100,0	0.0
Massachusetts	1	ŀ	\$	0.2:	3	0.1::	598:	100.01	1072:	100.0:	1670:100.0	0.0
Rhode Island	1	1	1	 1		::	36:	100.0:	33:	100.0:	69:100	0.0
Connecticut	1	1	1	1		:: 1	41:	100.0:	455:	100.0:	496:100.0	0.0
	••	••	••	••	• •	•	••	•	••	••	-•	
Middle Atlantic	ž,	0°1:	3,	0,1:	10:	0.1::	5040:	100.0:	4958:	100.0:	9998:100.0	0°0
Wew York	ë	0.1:	ä	0.1:	;9	0.1::	3155:	100,0:	3779:	100.0:	6934:100,0	0,0
New Jersey	\$	0.5	5	.90	:+	::9*0	405:	100,0:	314:	100.0:	719: 100.0	0.0
Pennsylvania	1	1	1	\$	1	1	1480:	100°0:	865:	100°0:	2345:100	0.

	Total	Num-: Per-	ber : cent	of : of all	cases: areas		1811: 19.6	186: 13.1	116: 8,3			186: 17.8	739: 13.1	183; 21,0			••	• 0				9221:100.0	1419:100.0	1390:100.0	3021:100.0	2346:100.0	1045:100.0	5624:100.0	872:100.0	1472:100.0	1193:100.0	266:100.0	356:100.0	561:100.0	904:100.0
	etened: :	Per- :	cent:	of all:	areas:	-Arizona	29,5:	21,4:	25.8:	42.5:	16.7:	21.6:	24.8:	26.4:	35.6:	ဆိုထိ	33,3:	31.9:	32.5:	20.9:	Areas	100.0:	100.01	100.0:	100.01	100.0:	100.0:	100.0:	100°0:	100.0:	100.01	100.03	100,01	100.0:	100.0:
	Unsweet	Mum-	per:	of:	cases:	lifornia	1656:	151:	:68	1023:	250:	143:	582:	138:	163:	50:	55:	54:	:29	55:	1 - A11	5621:	705:	345:	5406:	1502:	:699	2352:	523:	457:	569:	165:	169:	206:	263:
	tened : :	Per- :	cent:	of all:	areas:	Ca	4.3:	4.9:	2.6:	6.2:	1,4:	11,3;	4.8:	12.9:	2.0:	3.5:	1	5.9:	5.6:	5.0:	Tota	100.0:	100.0:	100,001	100.0:	100.0:	100.0:	100.01	100.0:	100,001	100.0:	100.0:	100.0:	100.0:	100,0:
cases)	Sweete	Num-	ber ;	of.	cases:		155:	35:	27:	38:	12:	₹.	157:	45:	50:	22:		11:	27:	32:		3600:	714:	1045:	615:	844:	382:	3272:	346:	1015:	624:	101:	187:	355:	641:
actual ca	::	••	nt ::	of all::	areas:	••	29.4::	86.8::	90°8::	64,1::	87.4::	80°53:	84.8::	77.9::	85.5:	93.13	77.8::	80.6::	82,2::	85.0::	::	1.0::	0.1::	::600	:: 0	1.4::	1,7::	2,1::	1,1::	2,1::	::6*0	1,5::	1.1:3	1,1::	5.4::
Hundreds of a	Total		 si	of: to	cases: a		7321:	1231:	1262:	1935:	2052:	841:	4770:	••						••		89:	5:	12:	25:	35:	18:	115:	10:	31:	::	4:	:†	; 0;	149:
(Hundr	: peu	••	••	of all:	areas:	ब	69.3:	78,3:	70.7	56.6:	81,4:	77.7	72.3:	73.0:	:0.09	89°4:	65.5:	65.7:	62.0:	63.1:		1,2:	0,3:	3,5;	0.9:	1.9:	0.7:	2.9:	0.6:	:400	1,8:	1,2:	2,4;	0.5:	11,0:
	Unsweetened		 H	••	cases:	Florida	3896:	552:	:442	1362:	1223:	515:	1701:	382:	274:	509:	108:	111:	138:	179:	Texas	:69	53	12:	21:	5 3:	ب	:69	ä	: 8	10:	5:	4:	ij	56:
	••	••		••	areas:		95.1:	95,1:	34.76	93.2:	98,2:	85,3:	93.8:	85,1:	:6°96	96.3:	98.0:	94,1;	91.0:	91.9:		9.0			.9.0	0.4:	3,4:	1.4:	. 2°0:	1,1:	0,2:	2.0:		1,4:	3,1:
	Sweetened		 e.		cases:		3425:	629:	1018:	573:	829:	326:	3069:	297:	:486	601:	:66	126:	323:	589:		50:			<u>†</u>	:	13:	146:	2:	11:	ij	5:	i	5.	50:
Table 4 (Cont'd)		State and	no to ear	· morgar	••	••	E. North Central:	Ohio :	Indiana:	Illinois:	Michigan:	Wisconsin	W. Morth Central:	Minnesota:	Iowa:	Missouri :	North Dakota:	South Dakota:	Nebraska:	Kansas :	0:0	E. North Central:	Ohio	Indiana:	Illinois:	Michigan:	Wisconsin	W. North Central:	Minnesota:	Iova:	Missouri :	North Dakota:	South Dakota:	Nebraska :	Kansas

	1	دپ	a11	SSS		_	2	2	0	3	0	ω		3	9	0		2	ထ	9		0	0	0	0	0	0	0	0	0	0	Ò	0	0	0
1	Per-	cent	of al	areas		ς,	14.7	ų	40	4	2.9	o	1	ဝံ	Ö	i.	1	0.2	ô	7		100.	34:100	313:100.0	100	100.	100°	100.	100.	100.	100	100,	100.	100	100
Total	Mum-	ber:	of.	cases:		141:	3	10:	68:	14:	23:	14:	1	ë	7.	38;	T	ë	7:	28:		6817:100.0	34:	313:	170:100.0	1090:100.0	805:100.0	1671:100.0	960:100.0	1123:100.0	651:100.0	3727:100.0	857:100.0	1398:100.0	862:
: peu	Per- :	••	of all:	areas:	Arizona	5.8:	16.1:	11.9:	41.5:	2,7:	2.7:	2,8:			1.0:	4,8,4	1	0.5:	4,2;	27.4:	Areas	100.0:	100°01	100.01	100.0:	100.01	100.001	100.0:	100°01	100.001	100.001	:0.001	100.001	100°01	100.01
Unswee tened	••	••	••	cases: ai		108:	ž	10:	68:	2,		ထံ			₹.	37:		. 2	2:	28:	_		31:			183: 1				••		763:			165:]
: Un	: Mum-	: ber	.: of	: 00		••			••	••	··	ä	••	:		• ••	••	••	••	••	4		25								•• •				
ned	Per-	cent	of all	areas	Cal	2.0	ŀ	1	ı	7.0	3.0:	0.4:	1	0.4	1	7	1	0.1	1	ł	Tota	100.0:	100.00:	100,0	100.03	100.0	100.0:	100.03	100°0:	100.0	100.0	100.0	100,0	100.0	100.0
Sweetened	Mun-	T.	••	ses :		33:		1		6	15:	9		ë		.:i		ä				4972:		229:	;	302:	507:	1390:	:498	825:	241:	:4967	782:	. 977:	:269
S::	••	::	all:: of	sas::cases	••	97.8::	85,3::		::0.09	98.7::	96.6::	99.2::	100.01	99.7::	9.4:	98.6::	6.66	99.1::	99.2::	::6°46	••	0.1:::	::	•••	::	•••	3.5::	•••	::	•••		0.4:	0.1::	0.7::	•••
Total	••	**	: of all	es: areas		6672: 97								••	56 :2:/9	3675: 98	•	1385: 99				4:	.,	••	••	••	7:	••		••	•••	14:	1: (10: (••
E	Num-	ber	of	cases:	•	99		Ċ.			~	1.657	0	H	W	36	ဘ)	eri eri	ά)	5			1	1	1	1		1	1	1	1				1
tened:	Per- :	cent:	of all:	areas:	-31	:0%	8,89	55, 7:	\$8°8	\$ 3.3	36.3	97.23	100°001	100.0:	30°66	94.4:	100.0:	98.6:	95.8:		(2)	0.2:	1	1	1	1	1.0:	1	1	1	1	0.8;		.6.0	1
Unsweet	Num- :	••. su	of :	cases:	Florida	1734:		24:	:96	500 FF	2871		ģ,	2983	406:	720:	75:	415:	158:	72:	Teras	Ä	 1)	1	1	1	ë							:+	
٩ · ·	r- :]	cent : h	of all: c	areas:		99.3:	100,0:	100.01	100,001	10.66	96.8:	96,63	100%	99.68	100.001	99.7:	.6.66	99.3:	100.001	99.8:		1/:				1	0.2:			1	1	0.3:	0.1:	:9*0	
Sweetened	Num- : Per-	••	.·•	cases: ar		4938:		229: 1					£-4		241: 1		781:			507:		ä					ä					· · · · · ·	ä	9:	
<u>ن</u>	nu :	: ber	٠, د د د د د د د د د د د د د د د د د د د	co :	• 0	· ·		••	••	••	••			••	•••		••	• 6	••	••	••	••	••	v •	••	••	••	• 6	• ^	••	••	• • •	••	••	••
	ore of the	realon	# C C C C			South Atlantic	Delaware	Maryland	Dist. of Col.	Virginia	West Virginia	North Carolina:	South Carolina	Georgia	Florida	E.South Central	Kentucky	Tennessee	Alabama	Wississippi		South Atlantic	Delaware	Maryland	Dist.of, Col.	Virginia	West Virginia		South Carolina	Georgia	Florida	E. South Central	Kentucky	Tennessee	Alabama

or all: or areas: cases da 63.7: 3259 71.1: 288 75.2: 560 66.2: 249
259: 79.8:: 288: 78.5:: 560: 88.2::
4) W W
)
158: 75. 158: 75. 47: 66.
202: 80.1:
1420

Table 4 (Cont'd)				(Hundr	eds of	(Hundreds of actual cases)	rses)					
	Speetened	ened:	Unsveetened	: peues	Total	::	Sweetened	٠٠ تا	Unsweetened	ened:	Total	
State and	Num-	Num- : Per- :	Mum-:	Per- :	Num- :	Per- ::	Num-	Per-:	Num- :	Per- :	Mun-:	Per-
	: ber : cent :	cent:	per:	cent:	per:	cent ::	ber:	cent:	ber:	cent:	per:	cent
	. of :	of all:	of:	of all:	of to	:of all::	of :	of all:	of:	of all:	of to	of all
	cases:	cases: areas:	cases:	areas:	cases:	areas::	cases:	arcas:	cases:	areas:	cases:	areas
			Florida	ાવેલ		9.0		Cali	California-Arizona	Arizona		
Pacific	. 425:		1254:	28.9:	1679:	33.9::	117:	19.1:	3058:	70,3:	3175;	0.49
Washington	39:	73.6:	155:	30.5	194:	34.5::	14:	26,4:	324:	63.6:	338:	60.2
Oregon	: 115:	44.2:	33:	41.0:	208:	42.7::	75:	28°9	1348	59,00	506:	45.9
California	: 271:	:9°°6:	1006;	27.9:	1277:	32.7::	58: 28:	:4°6	2600:	72.0:	2628:	67.2
	• 5	• >	••	••	••	•••	••	••	• >	••	••	
U. S. total	: 24315:	95.6:	15907:	65.9:	40222:	81,1::	845:	3,3:	7830:	32.4:	8672:	17.5
	• •					••						
			Texas	(O.)		**		Tote	Total - All Areas	Areas		
Pacific	: 20:	11.4:	35:	0.8:	105:	2,1::	612:	100.01	1342:	100°0:	4959:100.0	0°00
Washington	1	1	8	بى يە	30:	5.3::	53	100.01	:605	100.01	562:100.0	0.00.
Cregon	: 20:	26.9:	1	1	30:	14.4::	260:	100.0:	227;	100.01	487:1	0.00.
California	1	··· ·	ئ ې	0.1:	5.	0.1::	5662	100.0:	3611:	100.0:	3910:100.0	0.00.
	••	••	••	••	••	••	••	••	••	••	••	
U. S. total	: 290:	1,1:	396:	1,7:	:989	1,4::	25447:	100.0:	24133:	100,001	49580:100.0	0.00

1/ Less than .05 percent.

Table 5.- Blended juice purchases from producing areas, according to locations of chain-store warehouses, 1946-47 (Hundreds of actual cases)

	: Sweetened		nsweet	tened:	Unclass	:Unsweetened :Unclassified 1/:	: Total	al ::	Sweetened		: Unsweetened	1 .	Unclassified 1	fied 1/:	Total	
(C)	: Num-; Per-	••	Num-; Per-	Per- :	Mum:	Per-	Num-:	Per- ::	Num-:	Per- :	Num-:	Per- :	Num- :	Per- :	Mum-: Per	- L
rogion	: per :		ber : cent	cent:	ber:	cent:	: per :	cent::	ber:	cent:	ber:	cent:	ber:	cent:	ber : cent	int
HOTSOT	: of :0	.: of all:	of ic	:of all:	of	of all:	: of:	of all::	of :c	of all:	of ic	of all:	of :	of all:	of :of al	all
	:cases:arcas :cases: areas:cases	reas : c	ases:	areas	cases:	areas	:cases:	areas::cases:	cases;	areas:	areas: cases: areas	areas:	cases: areas	areas:	cases; ar	areas
	••			Flo	Florida			••			Cal	California-Arizona	-Arizon	ದೆ		
New England		100.01	362:	362: 100°0:	1400:	100.0:	7	100,001	1	1	1	1	-8	1		
Maine	: 317:	100°01			546:	100.0:	: 566:	100.0::	1	1		1	1	1	1	4
New Hampshire	: 56:	100,001		1	1	1	: 23:	100.0:	1	1	1	1	1	1		1
Vermont		1	1		1	1	1	1	1	i	1		1	1		1
Massachusetts		100.0:	325:	100.0:	678:	100.0	N	100.0::	1	1		1	1	1	1	
Rhode Island		100°0:	1	1	247;	100,0:		100.0:	1	1	1	1	1	1		-4
Connecticut	: 798:	100.001	37:	100.0:	226:	100.0:	: 1061:	100,0::	1	ı.	1	1	1	1		5-
M: 431 0 641 0 44	3567		3670.	0,00	9216	0		0	• • •	·• ·		· ° ¢		••		
William Atlantic			2000	77.00		T:0.001	: 12220:	70,7:	 V	: 1.0	50	T. /:	1	1	:29	⊅. 0
New York			2199:	97.9:	5106:			99,5::			82	1.2:	1	1	82	6.0
New Jersey	: 370:	99.5:	1284:	99.9:		•			53	0.5	ij	0.1:	1		ë	0.1
Pennsylvania	: 1958:	95.8:	187:	83.9:		: 100.0:	: 3779:	96.9::	1	1	36:	16,1:	1	1	36:	6.0
	••			Texas	200			••			Total	al - Al	1 Areas			
New England	 I	1		1	1	1	1	1	2745:	100.0:	362:	100,001	1400;	100.0:	4507:100.0	0.0
Maine		 1			1	I	1	::	317:	100.01	i	1	546:	100.0:	566:100.0	0.0
New Hampshire	1	1		1	1	1	1	1	79:	100.0:		1		1	79:100.0	0.0
Vermont	 1	1	· ·	1	1	1	1	;	1	1	1	1	1	1		1
Massachusetts			1		1	1	1	::	1285:	100,0:	325:	100.0:	678:	100.0:	2288: 100.0	0.0
Rhode Island	1	1		1	1	1	1	1	266:	100.0:	. 1	1	542:	100.0:	513:100.0	0.0
Connecticut		1	1	1	1	1	1	1	798:	100.0:	37:	100.0:	226:	100.0:	1061:100.0	0.0
Middle Atlantic	: 86:	2.3:	, : S	0,5:	1	1	106:	0.7::	3652:	100.00:	3755:	100.0:	8316:	100.001	100.0:15723:100.0	0.0
New York	; i		203	.6.0	1	1	: 20:	0.2::	1236:	100.0:	2247:	100.0:	5106:	100.0:	8589: 100.0	0.0
New Jersey	1	1	1	1	1	1	1	1	372:	100.0:	1285:	100.01	1576:	100,01	3233: 100.0	0.0
Pennsylvania	: 86:	4.2:		1	1	1	: 86:	2.2::	2044:	100.0:	223;	100.0:	1634:	10000	3901:100	0.0
											-					

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Cont
e 5 (
Tabl(

(Hundreds of actual cases)

	: Syeetened	į .	Unswee	: Unsweetened :	.Unclassified 1/	ified 1/:	Total	اد	Supetaned		. Ilneweetoned		Theland	11 holy transford 1	mo + a1
		١	;								2000		CITOTO	1= nort	TOTAL
State and	:-unx		:-Wn:		Mam-	Fer-	:-wnix	Per- ::	Num-:	Per-:	Mum-:	Per-:	Num-	Per- :	Num-: Per-
Date all	ده	cent:	S.	cent:	ber	cent:	ber	cent ::	per:	cent:	ber:	cent:	: req	cent:	ber : cent
uorgaj	. of :	:of all: of		of all:	of	of all:	Jo	:of all::	of :	:of all:	of :0	of all:	of.	of all:	of :cf all
	:cases:	cases: areas: cases:	cases:	areas:	cases	areas	areas: cases:	areas::case	cases:	areas:	cases;	areas:	cases:	areas:	cases: areas
	••			170	Florida						Cali	ifornia-Ari	1-Arizona	12	
E. North Central	: 2989:	99.5:	_	97.8:	2898	: 100,0:	: 2419:	:: 7°66	1	1	. 17:	1,1	1	 , 1	17: 0,2
Ohio			364:	100,0:	770	:0001:	: 2017:	100.001	1	1	1	1	1	, ··.	1
Indiana	: 431:	100.0:		-	250	100.0:		100.00:	1	1	, • • , 1	1	1	1	1 1
Illinois	: 1066:		ò	99.1:	1082	: 100°C:	3021:	99,3::	1	1	rd.	0,1:	1	1	1: 2/
Michigan	: 489:		18:		583	100.00	: 562 :	98.6::	1	1	••	1	1	1	
Wisconsin	120:	~	274:	94.5:	502	100°0		98,3::	1	1	16:	5,5;	1	1	16: 1.7
W. Worth Central	: 569:	100.0:	607:	99.5:	470	100.0	1646:	99.8:	1		ů	0.5	. 1	1	3: 0.2
Minnesota	: 18:	100.01	313:	99.1:	1	1	331:	99.1:	ŀ	1	رن	6.0	1	1	3: 0.9
Iowa	: 477:	100.0:	36:	100.0:	175	: 100,0:		100.001	1	4:	1	1	1	1	1 2 1
Missouri	: 352:	100.0:	130:	100.0:	295	:0001:		100,001	1	1		:	1		1
North Dakota	 1	1	12:	100.0:	1	1	12:	100.01:	1	1	1	1	1	··	- 1 .: 1
South Dakota	1		1		1	1	1	1	1	1	1	1	1	1	1
Mebraska	: 31:		95:		. 1	1	: 126:	100.0:	1	1	1	1	i	1	6
Kansas	: 121:	100.0:	21:	100°	1	1	145:	100.0:	1	1	*; !	1		1	1
	••			밁	Texas			••			티	Total - A	11 Areas	SI	
E. North Central	: 14:	0.5:	17:	1,1:	l 	1.	51:	0.4:	3003:	100.0:	1566:	100 001	2898:	100.0:	2467:100.0
Ohio	·· ··	1	1	1	1	1	1	1	883:	100.01	364;	100,001	770:	100.0:	2017:100.0
Indiana	1	1	1	Ċ	1	1	1	•	431:	100.0:	ë	100 00:	250:	100.0:	684:100°0
Illinois	:: 13: ::	1,2;	:		ı	1	30:	0.7:	1029:	100.0:	881:	100.0:	1082:		3042:100.0
Michigan	ä 	0.2:	10:	35.7:	1	1	H	1.4::	:064	100.0:	28:	100.0:	289:	100.0:	807:100.0
Wisconsin	1	1	1	1	1	1	1	1	120:	100.0:	290:	10000:	505	100,00:	0.001:719
W. North Central	1	1	1	1	1	1	1	1	:695	100.0:	610	100.0:	7.20:	100.0:	1649:100.0
Minnesota	1	1	1		1	1	1	1	18:	100.01	316:	100.0:	1	1	. 334:100.0
Iowa		1	1	1	1	1	1	1	17.7	100,001	36:	100.0:	175:	. 100.0:	258:100,0
Missouri	1	1	1	1	1	1	1	1	352:	100.0:	130:	100.03	295:	100°0:	777:100.0
North Dakota	1	1		1	1	1	1	1	1	1	12:	100.0:	1	1	. 12:100.0
South Dakota	1	1	ı	1	1	1	1	ŀ	1	1	1	1	·· 1	** . 1	
Nebraska	1	1	l	1	1	1	1	1	. Z	100.0:	95:	100.03	1	1	126:100.0
Kansas		1	1	1	1	ľ	1	1	121:	100.0:	21:	100.00	-	1:	142:100.0

Table 5 (Cont.1d)	•			(Hir	(Hindreds of	Fautos 3	(20000 [l			
	Sweetened	: Unsweetened	1	The lace find !	- 1		. 1	Croot on o		4			1		1
		Marm .		Man	Dom .	0 .		3				58.1	red 1/:	Total	1
State and			rer-	-unu			rer- ::	ï	••		••		••	ï	Ł
region		_	: cent	ber	cent:	 L		 Su		۶.,		** S4	• •	٠.	nt
	or : or all: or	. 01	0	0.1	0		of all::	o: jo	of all:	of to	of all:	o: jo	of all:	of : of all	all
	cases: areas: cases:	: ceses	ar	cases:	areas: cases:	cases:	areas::cases		areas: c	cases: a	areas:	cases:	areas: c	cases; are	areas
				ida			• • •			Calif	ifornia-Arizona	Irizona			
South Atlantic :	1389: 100.0:	892:	100.0:	: 767:	100,0:	3048:	100,0::	1					1	i.	
Delaware :	1	1	1	1	1		::		 I			1			
Maryland:	340: 100.03		1	: 145:	100.0:	485:	100,0::		1			1	1		1
Dist. of Col. :		: 334:	: 100.03	1		334:	100,00:		1	1		1	1		1
Virginia	322: 100.0			: 148:			100,001								,
West Virginia :							100,001						 i	!	
North Carolina:					100.0:		100.0:		1	1					
South Carolina:						164:	100.0:		1	1			1		,
Georgia :			: 100,0			398:	100.001	 i					1		,
Florida	69: 100-0	355	10000	102	100.03	546;	100.0:			·		1	···		,
E. South Central:	477: 100.0:): 18:	100.0	245:	300.00	240:	100.001		 1	·			s •s	• • • • • • • • • • • • • • • • • • • •	- L
Kentucky	: 153: 100.0		: 100°0	6	100.0:	250:	100,0::								+7
Tennessee	231: 100.0;); 15:		1		246:	100.0::				.,	1	:		-,
Alabama				150:	100.0:	547:	100.0:					1	1		,
Wississippi :		ı 	1	ı ı	1	1	::	 1							
			EI	Texas			**	,		Total	- All	Areas			
South Atlantic	1	1		1	1		::	1389:	100,001	892: 1	100.0:	167:	100.001	3048:100.0	0°0
Delaware	1	1	1	1	1		1.			· · · i					
Maryland	1		1	1	1		::	340:	100.01			145:	100.01	485:100.0	0.0
Dist. of Col.		1	1	1	1	1	::			334: 1	100,001			334:100.0	0.0
Virginia	1	1	1	1	1	1	1		100.0:		100.0:		100.0:	582:100.0	0.0
West Virginia	1	1	1	1	1	1	1		100.0:		100.0%		100.03	202:100	0.0
South Carolina	1 1	1 (1 1	1	1	1	:::		100.001				0.00	001:ノググ	0,0
Georgia Georgia			l, 1		1 1		1 1						000	398:100	200
Florida	1	1	1	1	1		: ::) 6 6 8	100.0:	355: 1	100.0:	102:	100.0:	546:100.0	0.0
E. South Central				1	,			477:	.00.001		100.00:	245:	100,00:	740:100.0	0.0
Kentucky	1			1	1		•		100.00		.000		100.00	250:100.0	0,0
Tennessee	1		1	1	l-	1	: ::		100,001	15: 1	100.0:		1	246:100.0	0.0
Alabama		1	1	1	1		::	33	100,001	< 0	100.01	150:	100.01	244:100	0.0
Mississippi		1		1	1	1	::						 1		

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Table 5 (Cont'd)	(q)					(Hundreds		of actual c	cases							
	: Sweetened		: Unsweetened	,	: Unclassified 1	ified 1/	To	Total ::	:: Sweetened		:Unwasetened		.Unclassified 1/:	fied 1/:	Total	_
State and and	: Num-:	Fer- :	Mum-:	Per- :	Mum-;		Num-:	Per-::	Num-s	Per-:	Num-:	Per- :	Num- :	For- :	Num-: Per-	613-
region		cent:	ber	cent:		cent:	S.	cent ::	e.,	cent:	1 4		ы	cent:	e.	: cent
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	·cases	areas. cases.	cases	areas:	cases:	- 1	oreas: cases:	oreas: cases:	cases:	areas: cases:	cases:	areas: Dases	: sesc		areas: cases: areas	reas
	• •			FIOI	Florida			• 0			Cal	California-Arizona	Ar Zor	<i>3</i> 1		
W. South Central	: 81:	97.6:	419:	69.2:	118:	100.0:	618:	76.7::			27:	.4.5:	1	·· ··	. 27:	3,3
Arkansas	: 63:	: 100.0:	ä	:2.99	1		65:	98.5::	1	ŧ	į		• •	1		1
Louisiana	1		63;	100.0:	65:	10000	123:	100.0:	 !-	1		 i	i i			ı
0klahoma		_		86.0:	1		1.56:	86.2::	1	;** 	15:	: 12, D	• · ·	;; 	15:	8,0
Texas	: 16:	.6.88 		55.6:	53.	100.0:	269:	62.4::		1	12:	ლ ტ.	1	 I	12:	2.8
Mountain		86.2:	522:	95.8:	1	1	572:	5.46	œ̈́	13:8:	23:	, , ,	 I		31:	5.1
Montana	:647 :	: 100.0:	45:	100,001	, 1	1	:46	100,01:			, ,	1	1	1	· ·	1
Idaho	ı 	1		1	1			::	1	1			1			1
Wyoming	1	1		1	1	1	1	1		1	1	1	1	1		1
Colorado	I	1	264:	98.1:	1	1	564:	98,1::			5:	1.9:		1	5.	1.9
New Mexico	ı 	1			1			::	1	1	1			1		1
Arizona	 	: 100.0:	:69	100.0:	1	1	20:	100.01:	1				1	1		1
Utah	1	1	144:	38.9:	1		144:	84.7::	ထ်	100.0:	18:	11.1:	r: T	1	26:	15.3
Nevada	1	1	 I	1	1	; i	1	1	ï		i	1	·· 1	·· !		-1
	••			Texas	cas			• •			To tal	1 - 411	Areas			8 -
W. South Central	::	2.4:	159:	26.3:	+	1	161:	20.03	3;	100.0:	605:	100.0:	118:	100.01	806:100.0	0.00
Arkansas	t·	1]:	33.3:	1	1	ä	1,5::	63:	100.0:	ä	100.01			66:1000	0000
Louisiana	ı 	1	: 1	••	1		;	:: 	1		63:	100.03	65:	100.0:	128:100.0	0.00
Oklahoma -	1	1	10:	5.6:	1		10:	5.5:	5.	100.01	179:	100.0:			181:1000	000
Texas	~	11.1:	148:	41,1:	1		150:	34.8:	183	100,001	360:	100.00:	53:	100.0:	1,31:100,0	0.00
Mountain	· I	1	1	1	1	 I	· · · ·	• • •	.58	100,001	545:	100°01	٠	1	603:100.0	000
Montana	1	1	1		4	1	 F	:: }	149:	100,0:	145:	100.00	:	1	94:100.0	000
Idaho	1	1	1		1		ŀ	:: +	·•	1			1	1	:	å
Wyoming	1	1		1	1	1	1	1	ŀ	ŀ		 i	1			1
Colorado	1	1			1		1	1			569:	100.01	1	1	269:100.0	0.00
New Mexico	1	1		1	ŀ	i	+	F	1	1		1	 I	1		ı
Arizona Utah	F 1	+ 1	1 1	 . F - 1	1 1	F 1		1 1	∺ ∞	100.00	169:	100.001	1 1	1 1	70:1000	000
Nevada	1	4	.1	1	1	ι.		::) ** 		1 1		1	1	••• ••• • 1)
The state of the s	Share and the same of the same									-				-	-	ļ

^{1/} Data not supplied by type on warehouse basis. 2/ Less than .05 percent.

Table 6. - Blended juice purchases from producing areas, according to locations of monchain store warehouses, 1946-4 (Hundreds of actual cases)

			400		(parior)	TO SDA	actual	cases)					
	••	Sweetened		: Unsweetened	ened:	To tal	::	Sweetened	red:	Unsweetened	ened:	To tal	1
Ü	600 0+0+0	••	Per- :	Num- :	Per- :	Mum- :	Per- ::	Mun-:	Per- :	Mum-:	Per- :	Num- :	Per-
3	rate and		cent:	ber:	cent:	ber:	cent ::	ber:	cent:	ber:	cent:	ber:	cent
	· uorgar	of io	of all:	of:	of all:	of: 30	of all::	of ic	of all:	o: jo	of all:	of:	of all
	••	cases: areas	reas :	cases:	areas:	cases:	areas::	cases:	areas:	cases:	areas :	cases:	areas
	••			Flori	da		:		Ca	California	-Arizona		
New	New England:	839:	:4.66	ω	99.2:	1684:	99.3::	4:	0.5:	5:	.9.0	6	0.5
Ma	Maine :	144:	100.0:	(1)	100.0:	205:	100.01:	1	1		1	1	1
Ner	New Hampshire:	62:	100.0:	50:	100.001	82:	100.001		1	1	1		1
Ve	Vermont :	:26	100.0:	34:	100.0:	131:	100.001	1	1		1	 10	. 1
Ma	Massachusetts:	:024	98.9:	521:	39.4:	991:	99.2::	4:	.6.0	1:	0.2:	7,	0.5
Rh	Rhode Island:	10:	100.0:	;; †;	100.01	14:	100.001	1	1		- 1		1
(O)	Connecticut :	56:	100.0:	205:	98.1:	261:	98.5:	1	1	:+7	1.9:	:1	1.5
Midd	Widdle Atlantic:	3126:	99.2:	2365:	98.8:	5491:	::0.66	23:	0.7:	20:	0.8:		0.8
	New York :	1893:	99.2:	1847:	99.3:	3740:	99.3::	14:	0.7:	7:	:40	21:	0,5
	New Jersey :	1664	9.66	:111:	34.9:	610:	98.7::		1	ä	0.8	1:	0.2
ų.	Pennsylvania:	234:	98.8:	407:	97.1:	1141:	98.2:	. 6	1.2:	12:	2.9:	21:	1.8
Part Property and Part Propert	••			Texas	SI		••		Ħ	Total - A	11 Areas	roi	
Nev	New England	ä	0.1:	;;	0.2:	ë	0.2:	844:	100.0:	852:	100.001	1696:	100.0
:	Maine :		1	1		· · ·	::	144:	100.0:	61:	100.0:	205:	100.0
OM CONTRACTOR	Mew Hampshire:	1	1	 i	1		::	62:	100.0:	50:	100.01	85:	100.0
	Vermont :		1	1	1	1	::	35:	100.0:	34:	100.00:	131:	100.0
7	Massachusetts:	 	0.2:	ä	0°4:	ë	0.3::	475:	100.0:	524:	100.01	:666	100.0
Unesca Rh	Rhode Island:		1	1	1		::	10:	100.0:	#	100.001	14:	100.0
Connecticut	nnecticut :	1	1	1	1		::	56:	100.0:	209:	100.001	265:	100.0
でおきたので	· (•		••	••	••	 V.	 	••	••	••	••	••	
Midd	Middle Atlantic:	ë	0.1:	10:	:4:0	13:	0.2::	3152:	100.0:	2395:	100.0:	5547:	100.0
Ne	New York :	ä	0.1:	\$	0.3:	:9	0.2::	1908:	100.0:	1859:	100.0:	3767:	100.0
Ne	New Jersey :	::	0.4:	3	4.3:	.17:	1.1::	501:	100.0:	117:	100.0:	: ~618:	100.0
Fe.	Fennsylvania:	1	1	1	1	, , ,	::	743:	100.0:	419:	100.03	.1162:	100.0
1	••	••	••	••	••	••	••	••	••	••	••	••	

State and Number of Series on State	Caron tonon	. 200						The state of the last of the l	-	-		
	ממפני בפי	יובה	Unsweetened	enea	Total	::	Sweeten	tened:	Unswee	Unsweetened:	Total	7
	Num- :	Per-:		Per- :	Fum- :	Per- ::	Num- :	Per- :	Mun-	Per- :	Num- :	Per-
	٠.	cent:	·	cent:	 H	cent::	٠	cent:	 Eu	cent:	 Eu	cent
03 **	Ses	or all:	cases:	or all: creas :(oi :o cases :	or all::	or ro	areas ::	cases:	or all: areas :c	or ro	or all
••			Flori			•••		Calif	1 0	g		
֡	2629:	95.9:	1799:	89.1:	4428:	93.0::	:99	2.4:		3.6:	138:	2.9
••	242:	:9°66	318:	:9°06	560:	94.3::	1		21:	6.0:	21:	2,5
	418:	96.3:	101:	76.5:	519:	91.7::	10:	2.3:	:92	19,7:	36:	4.9
••	1246:	9,46	493:	92.0:	1739:	95.3::	52:	3.9:	9;	1.2:	58:	3.5
Michigan :	148:	39.66	752:	91,3:	1200:	94°5::	r	0.2:	10:	1.2:	11:	000
Wisconsin	275:	92.3:	135;		410:	81.8::	<u>.</u>	1,0:		4.4:	12;	5.4
W. North Central :	1636:	93.2:	839:		2475:	89.5::	29:	1.7:	:09	رم 9.		3.8
Minnesota:	290:	86,5:	262:		552:	89.3::	19:	5.7:	6	3,2	28:	4,5
••	:459	95.9:	146:		800:	91.7::	ž	0.7;	4:	2,1:	6	1.0
Missouri :	102:	95.5:	117:		224:	83.6::	··	1	%	5.8:	<u>ö</u> ,	3,4
North Dakota :	119:	100001	65:		184:	94.8::	1	1	1			1
South Dakota:	:0	100.0:	36:		166:	90°2::		1	17:	18,3:	17:	6.6
Nebraska :	140:	89.7:	120:		560:	92.5::	1	1	:+:	3.2:	4:	1,4
Kansas : :	236:	90.4:	53		589:	82.6::	3	1.9:	17:	19.1:	22:	6.3
••			Texas	,,,				입	tal - Al	1 Areas		
E. North Central:	: 44	1.7:	147:	7.3:	194:	4,1::	2742:	100,001	2018:	100.0:	:0924	100.0
••	ä	0.4:	12:	3.4:	13;	2.2::	543:	100.0:	351:	100.001	:465	100,0
Indiana:	; 9	1. 4:	5		11:	1.9::	434:	100.01	132:	100.01	266:	100°0
Illinois :	19:	1.5:	;; ;	1.8:	33:	1,5::	1317:	100,01	508:	100.0:	1825:	100.0
Michigan:	ä	0.2:	62:	7.5:	3:	::6-4	450:	100.0:	824:	100.0:	1274:	100.0
Wisconsin	:. &	6.7:	59:	29.1:	.62	15,8::	298:	100.0:	203:	100.0:	501:	100.0
W. Worth Central:	:06	5.1:	113:	11.2:	203:	7.3::	1755:	100.03	1012:	100.0:	: 2767:	3.00.0
Minnesota :	56:	7.8:	12:	4.2:	38:	6.2::	335:	100001	283:	100.001	618:	100.0
••	53:	3.4:	47:	21.5:	:49	7.3::	682:	100.0:	191:	100.0:	873:	100,0
Missouri	۶,	4.5	30:	19.2	35:	13.0::	112:	100.0:	156:	100.00	268:	100.0
South Dakota	! 1	1 1		1,5,1 	27	7.0	200	0.00		100.00	182	000
Nebraska :	16:	10,3:	Ä	0.8:	17:	6,1::	156:	100.03	125:	100.00:	281:	100.0
Kansas :	50:	7.7:	19:	22,3:	39:	11.1::	261:	100.01	: 68	100.001	350:	100.0

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nd b n co	Sweetened	••	Unsweetened	ened:	Total		-		Unswe	Unsweetened:	[0+0E	1
7 0 0 0 · · · · · · · · · · · · · · · ·	: - ur					• • •	Sweetened	3d.			70.07	T
a o co		••	Num-	Per- :		Per- ::	lium-	Per- :	Num-	Per- :	Num- :	Per-
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•• ••			Florida	do		••		Cal.	ifornia	California-Arizona		
laware :	1073:	99:3:	330:	98.8:	1403:	99.1::	7:	0.6	ı	0.3:	ö	9.0
	 ©	100.0:	56:	100.0:	37:	100.01:	1	1	1			,
Maryland:	109:	97.3:	.6	100,001	118:	97.5::	ë	2:7:	1			2.5
Dist. of Col. :	32:	94.1:	:97	100.0:	78:	97.5::	· ~	5.9:	1		, ;;	2.5
Virginia :	277:	99.3:	51:	100.0:	328:	:: 4°66	;; ;	0.7:	1		53	9.0
West Virginia:	122;	100.01	59:	96.73	181:	98.9::	1	1	1		1	1
North Carolina:	269:	100.01	37:	100.0:	306:	100.001	1	1	1	1	1	, 1
South Carolina:	101:	:0.66	:+	80.0:	105:	98,1::	1	1	1		1	ı
Georgia :	:42	100.01	34:	100,0:	108:	100.01:	1	1	1		1	1
Florida :	81:	100.0:	61:	98.4:	142:	99.3::	1	1	ä	1.6:	 	2.0
E.South Central :	415:	98.8:	179:	96.8:	:465	98.2::	· ;;	0.2:	, 7,	2.7:	.9	1.0
Ken tucky	121:	100:01	14:	100.01	135:	100.001	1	1	1	1		, 1
Ternessee :	154:	98.1:	118:	99.2:	272:	98.5::	1:	0.6	1		;;	4.0
Alabama :	27:	100.0:	19:	90°5:	:96	98.0::	1	1	2:	9.5:	5:	2.0
Mississippi :	63:	96.93	28:		91:	94,8::	1	1	ന	9.7:	ä	3.1
••		: :	Texas			••		To tal	1	All Areas		
South Atlantic :	 	0.1:	ij	0.9:	:4	0.3::	1081:	100.0:	334:	100.0:	1415:	100.0
Delaware		1		1	4	::	ä	100.0:	29:	100.0:	37:	100.0
Maryland		1		1	1	1	112:	100.0:	0//	100.0:	121:	100.0
Virginia		1 1		1 1	1 1	1 1	3000	יים מטר	₹ . .	100.00	200	0000
West Virginia:	1	1	%	3.3:	.2	1,1::	122:	100.0:	42	100.0:	183:	100.0
North Carolina:		1			1	:: ;	269:	100.0:	32:	100.0:	306:	100.0
ten carolina:	 ⊣	T • 0:	: 1	50.05	: X	1.9::	102:	100°0:		:0°00T	:20T	0.001
Georgia Florida	1 1	1 1	1 1	1 1	1 1	:::::::::::::::::::::::::::::::::::::::	74: 81:	100.00:	625±	100.001	108:	100.0
E.South Central :	·	1.0:	·• ;-	0.5	, v		7750	100.0:	185:	100.00	605:	100.0
Kentucky : :	 F	1		1	1	1	121:	100.0:	14:	100.0:	135:	100.0
Tennessee :	8	1,3;	ä,	0.8:	Ü	1.1::	157:	100.0:	119:	100.0:	276:	100.0
Alabama		1. 5		1	1	::	32:	100.0:	21:	100.0:	98:	100.0
Mississippi :	2:	3.1:	1	". 1	5:	2.1::	:59	100.0:	31:	100.0:	36:	100.0

Table 6 (Cont'd)				(Hund	Hundreds of actual		cases)					
	Sweetened	ened:	Unsweetened	ened:	Total	1 ::	Sweetened	••	Unsweetened	: peue	Total	
() () () () () () () () () ()	Num-	Per- :	Num- :	Per-	Num- :	Per- ::	Num- :	Per- :	Num- :	Per- :	Num- :	Per-
region	٠.	cent:	ber:	cent:	٠.	cent ::		••	per:	••	ber :	cent
	10	or all:		f all:	••	of all::		••	of :		of:	of all
	cases	areas	cases	areas	cases:	areas:	cases:	areas	cases;	areas:	cases:	areas
			Florida	da		• • •		Cal	ifornia	California-Arizona	ert i	
W.South Central:	382:	75.3:	213:		595:	57.5::	12;	2,4:	30:	5.7:	42:	4,1
Arkansas	12:	70.6:	15:	75.0:	27:	73.0::	1		ñ	15.0:	ë	8,1
Louisiana	59:	80°8:	54:	88.5:	113:	84.3::	ij	1,4;	1:	1,6:	ä	1,5
Oklahoma:	145:	80°8:	13:	37.2:	55:	63.2::			; †	11.4:	:+	9*4
Texas	569:	73.7:	131:	31.9:	700:	51.5::	11:	3.0:	22:	5,3:	33;	4.3
7	0,70	. 7 70		00			·· c	·· ·		ć		(
Mountain	(50:	90.05	4,04	00.00	1012:	32.0.5	ö	: , ,	000	0 .	74:	J. T
Montana	175:	:43.66	<u>ج</u>	87.7:	218:	36.9:	ä	:9.0	5:	4,1:	й	1,3
Idaho	: 88	100.0:	ä	37.5	91:	::3°476	••		5	62,5:	<u>بې</u>	2,5
Wyoming:	47:	100.0:	12:	92,3;	<u></u>	98°1:			ï	7.7:	å	1,,9
Colorado :	202:	98.6	119:	92,2:	326:	96.2::	<u>ლ</u>	1.4:	1	+u	ñ	6.0
New Mexico :	17.	81,0:	: 24	97.9:	:46	88.7::			••	,,,		1
Arizona	13:	81,8:	<u> </u>	63.6:	12:	69.7:	4:	18.2:	16:	36,4;	: 20:	30°3
Utah	178:	95.7:	;;	50.0:	180:	34°5::	1	1	;;	50.0:	: 2	1,1
Nevada	: : :	100,00:			; ;	16.7:		1	1			ı
			Texas			••		Tot	딞	1 Areas		
W. South Central:	113:	22,3:	284:	53.9:	397:	38.4::	505	10000	527:	100.01	1034:	100.0
Arkansas	3	29,4:	<u>ن</u>	10,0;	2:	18,9::	17:	100.001	50:	100,00:	37:	100.0
Louisiana:	13:	17.8:	ö	6.6	19:	14,2::	33:	100.00:	61:	100.00:	134:	100.00
Oklahoma:	10;	19,2:	18:	51,4:	: 58:	32,2:	52:	100,01	35:	100,01	87:	100,001
Texas	85:	23,3:	258:	62,8:	343:	44.2::	365:	100°ນ:	411:	100.0:	776:	100.0
	••	••	••	••			••		••		£ 4	
Mountain	19:	2°4:	35:	11,1:	54:	7.6.4	785:	100.0:	315:	100,0:	1100:	100.0
Montana:	1	1	÷	8.2:	4,	1.8::	176:	100.0:	:64	100.03	225:	100.0
Tdaho	1	1	;	•	. • • I	••	: &	1.00.0:	.: ထ	100.0:	96	100.0
Wyoming:	1		1	1	 I	::	를 등	100.01	:: ::	100.0:	54:	100.0
Colorado :			10:	7.8:	10:	2.9::	210:	100.0:	129:	100.0:	339:	100.0
New Mexico	:1:	19,0:	ij	2,1:	12:	11,3::	28	100.00:	: ∰	100.01	106:	100.0
Arizona :	1	1	i	1	••	::	22:	100,001	:14:	100°0:	;99	100°0
Utah	 &	4.3:		1	ထံ	4.2::	186:	100.00	7	100.0:	190:	100.0
Nevada	-	-	30:	100°03	50:	83,3:	4:	100,0:	50:	100,0:	:472	100.0

Table 6 (Cont'd)				(Hundr	eds of s	(Hundreds of actual cases)	(ses)			*		
	Sweetened	ened:	Unsweetened	cened:	Total	11 ::	Sweetened	••	Unsweetened	ened:	Total	
7 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Num- : Per-	Per- :	Num-	Per- :	Num- :	: Per- ::	Num- :	Per- :	Num- :	Per- :	Num- : Per-	
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	cases:		areas: cases:	areas:	cases:	areas::	cases:	areas: cases	sases :	areas:	cases: areas	Į)
			Florida	ida.		••		ප	liforni	California-Arizona	າລ	
Pacific :	:6601 :		1165:	66.1:	2264:	75:0:3	118:	9.4:	433:	.24.6:	551: 18.2	
Washington:	183:	96.8:	230:	83.9:	413:	89.2::	.;·	2:1:	29:	10.6:	33: 7.1	
Oregon :	: 98:		157:	75.1:	255:	83.1::			14:	21,1:	44: 14,3	
California:	818:		778:	60.8	1596:	70.9::	114:	11.8:	360:	28.1:	474: 21.1	
1	••	••	••	••	••	••	••	••	••	••	••	
U. S. total :	: 11957:	95.3:	2989:	85.0:	19946:	::6.06	268:	2,1:	652:	6.9	920: 4.2	
						••						
			Texas	SS		**		Tot	Total - All Areas	1 Areas		
Pacific	: 040	3.2:	165:	9.3:	205:	.:8.9	1257:	100.001	1763:	100.01	3020:100.0	
Washington:		1.1:	15:	5.5:	17:	3.7::	186:	100.0:	274:	100.0:	463:100.0	
Oregon :	1	1	: ;	3.03:	<u>ထ</u>	2.6::	98:	100.0:	209:	100.0:	307:100.0	
California :	38:	3.9:	145:	11.1:	130:	8.0::	970:	100.0:	1280:	100.0:	2250:100.0	
	••	••	••	••	••	••	••	••	••	••	••	
U. S. total	318:	2.6:	260:	8,1:	1078:	4.9::	12543:	100.03	9401:	100.0:	21944:100.0	



UNITED STATES DEPARTMENT OF AGRICULTURE FARM CREDIT ADMINISTRATION Washington 25, D. C.

November 3, 1947

Dear Sir:

Citrus growers and their industry are seeking the answers to some urgent problems. You, as a buyer, can help the Department of Agriculture report to growers and processors through their organizations what needs to be done about some of these problems as you see them. If you will take a few minutes of your time to answer the questions on the enclosed form, I will pass along a summary of the replies, not revealing the identity of your firm.

Two copies of the form are enclosed so that you may retain a working copy for your files. There are, in all, eleven questions which I hope you will answer on the basis of your experience. Your prompt reply will help make it possible for citrus growers and canners to adjust their operations so as to give you and your customers more nearly what is wanted in citrus juices.

Please indicate in the space provided on the enclosed form, if you wish us to send you a copy of the report when it is available. For your convenience in making an early reply, I am enclosing a self-addressed envelope which requires no postage.

Very truly yours,

Harry C. Hensley

Principal Agricultural Economist

Harry C. Hensley

Enclosures



RESEARCH AND MARKETING ACT OF 1946 CONFIDENTIAL CITRUS JUICE SURVEY

BUDGET BUREAU ND. 40-4749 APPROVAL EXPIRES DECEMBER 31, 1947

When Completed Return to Farm Credit Administration, U.S.D.A. Cooperative Research and Service Division Washington 25, D. C.

	1
4	-2

Please fill in below the approximate number of cases of canned single-strength citrus juice of each kind and type you purchased during the 1945-47 season which came from each of the leading citrus States:

KING AND	TYPE OF	A PPROXII	MATE NUMBER PURCHASEO FR	OF CASES OM	REASONS FOR PURCHASING
KINO ANO CITRUS	JUICE	FLORICA	TEXAS	CALIF. ARIZONA	REASONS FOR PURCHASING FROM STATE(S) INDICATED
	SWEETENEO				
GRAPEFRUIT:	UNSWEETENEO				4
	SWEETENEO			•	
ORANGE:	UNSWEETENEO				
	SWEETENEO				
BLENO:	UNSWEETENEO				
	SWEETENEO				
LEMON:	UNSWEETENEO				
	SWEETENEO				
TANGERINE:	UNSWEETENED				
(3) Check your (3) Packer Specificat	juice purc	hasing meth	hods: (1)	Packer's	Sample;[(2) U.S. Grade_ Grade; (5) Buyer's ido you most frequently
(3) Check your (3) Packer Specificat use? In your pu Continuous as differe Explain What can s	juice purc 's Sample a ion; (6 rchasing, h Inspection	hasing method U.S. Gra) Other ave you fa ? (Continum Governme:	hods: (1) ade; (4 (7), W vored produous Gover nt inspect 1) Grapefr	Packer's) Packer's hich metho lucts proce enment insp ion of sam	Gample;[(2) U.S. Grade Grade; (5) Buyer's id do you most frequently ssed in plants having U.S. ection at the packer's plan ples) Yes; No;
(3) Check your (3) Packer Specificat Specificat Use? In your pu Continuous as differe Explain What can s (3) Blend Do you pur	juice purce 's Sample a ion; (6 rchasing, h Inspection ntiated fro	hasing method U.S. Green of the control of the cont	hods: (1) ade; (4 (7), W vored produous Gover nt inspect 1) Grapefr Lemon ncentrates	Packer's;) Packer's hich methoducts proceducts proceducts proceducts proceducts proceducts.	Gample; (2) U.S. Grade Grade; (5) Buyer's ido you most frequently ssed in plants having U.S. ection at the packer's planting ples) Yes; No
(3) Check your (3) Packer Specificat use? In your pu Continuous as differe Explain What can s (3) Blend Do you pur	juice purces Sample a ion; (6 rehasing, h Inspection ntiated from ize moves because citrue e quantitie	hasing method U.S. Green of the content of the cont	hods: (1) ade; (4; (7), W vored produous Gover nt inspect 1) Grapefr Lemon ncentrates ts) purche	Packer's;) Packer's hich metho lucts proce enment insp ion of sam ruit 2? Yes sed in 194	(2) Sample; (2) U.S. Grade Grade; (5) Buyer's id o you most frequently ssed in plants having U.S. ection at the packer's place ples) Yes; No (2) Orange(5) Tangerine ; No If so, indicate 6-47 from: FROZEN CONCENTRATE
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